

KFI1235
A21
v. 14
no. 40
October
5, 1990

v. 14
no. 40
Illinois register
Received on: 10-11-90



JIM EDGAR
Secretary of State

VOLUME 14
ISSUE 40

A WEEKLY
PUBLICATION

OCTOBER 5
1990

Pages 16117-16708

Secretary of State
Administrative Code Div.
288 Centennial Bldg.
Springfield, IL 62756

(217) 782-9786

ILLINOIS REGISTER

Rules of Governmental Agencies

TABLE OF CONTENTS

PROPOSED RULES

PAGE

COMMERCE AND COMMUNITY AFFAIRS, DEPARTMENT OF Training Services for the Disadvantaged; 56 Ill. Adm. Code 2610	16117
COMMERCE COMMISSION, ILLINOIS Transfers of Licenses; 92 Ill. Adm. Code 1270	16170
CONSERVATION, DEPARTMENT OF Falconry & the Captive Propagation of Raptors; 17 Ill. Adm. Code 1590	16174
North Point Marina; 17 Ill. Adm. Code 220	16182
LOCAL GOVERNMENTAL LAW ENFORCEMENT OFFICERS TRAINING BOARD, ILLINOIS Ill. Police Training Act; 20 Ill. Adm. Code 1720	16198
MINES AND MINERALS, DEPARTMENT OF Ill. Oil & Gas Act, The; 62 Ill. Adm Code 240	16205
POLLUTION CONTROL BOARD Primary Drinking Water Standards; 35 Ill. Adm. Code 611	16215
PUBLIC HEALTH, DEPARTMENT OF Emergency Medical Services Code; 77 Ill. Adm. Code 535	16237
Hospital Licensing Requirements; 77 Ill. Adm. Code 250	16259
Private Sewage Disposal Code; 77 Ill. Adm. Code 905	16305

ADOPTED RULES

CHILDREN AND FAMILY SERVICES, DEPARTMENT OF Services Delivered by the Department; 89 Ill. Adm. Code 302	16430
POLLUTION CONTROL BOARD Finished Water & Raw Water Quality & Quantity; 35 Ill. Adm. Code 604	16435
Hazardous Waste Management System: General; 35 Ill. Adm. Code 720	16450
Identification & Listing of Hazardous Waste; 35 Ill. Adm. Code 721	16472
Interim Status Standards for Owners & Operators of Hazardous Waste Treatment, Storage & Disposal Facilities; 35 Ill. Adm. Code 725	16498
Land Disposal Restrictions; 35 Ill. Adm. Code 728	16508
Operation & Record Keeping; 35 Ill. Adm. Code 607	16512
Primary Drinking Water Standards; 35 Ill. Adm. Code 611	16517
Reporting & Public Notification; 35 Ill. Adm. Code 606, Repeal of	16640
Sampling & Monitoring; 35 Ill. Adm. Code 605	16642
Standards Applicable to Generators of Hazardous Waste; 35 Ill. Adm. Code 722	16653
Standards for Owners & Operators of Hazardous Waste Treatment, Storage & Disposal Facilities; 35 Ill. Adm. Code 724	16658

PUBLIC AID, DEPARTMENT OF	
Reimbursement for Nursing Costs for Geriatric Facilities; 89 Ill. Adm.	
Code 147	16669

REVENUE, DEPARTMENT OF	
Cannabis & Controlled Substances Tax Act; 86 Ill. Adm. Code 428	16680

EMERGENCY RULES

STATE POLICE, DEPARTMENT OF	
Drug Asset Forfeiture Procedure Act; 20 Ill. Adm. Code 1225	16686

NOTICE OF PUBLIC HEARING

PUBLIC HEALTH, DEPARTMENT OF	
Private Sewage Disposal Code; 77 Ill. Adm. code 905	16693

JOINT COMMITTEE ON ADMINISTRATIVE RULES

Agenda for October 11, 1990	16695
Second Notices Received	16704

EXECUTIVE ORDERS AND PROCLAMATIONS

PROCLAMATIONS

90-436 Child Health Day (Revised)	16706
90-450 Hispanic State Employment Day	16706
90-451 Alzheimer's Association Congratulated	16707
90-452 Disability Employment Awareness Month	16707
90-453 Futures and Options Week	16708

CUMULATIVE INDEX

1990 Index - Issue #40	CI-1
------------------------------	------

SECTIONS AFFECTED INDEX

1990 Index - Issue #40	SAI-1
------------------------------	-------

INTRODUCTION

The Illinois Register is the official state document for publishing public notice of rulemaking activity by State governmental agencies. The table of contents is arranged categorically by rulemaking activity and alphabetically by agency within each category. Rulemaking activity consists of proposed or adopted new rules or amendments to or repealers of existing rules, including those by emergency or peremptory action.

The *Register* also contains Executive Orders and Proclamations issued by the Governor, notices of public information required by State statute, and activities (meeting agendas, Statements of Objection or Recommendation, etc.) of the Joint Committee on Administrative Rules (JCAR), a legislative oversight committee which monitors the rulemaking activities of State agencies. In addition, the *Register* contains a Cumulative Index listing alphabetically by agency the Parts (sets of rules) on which rulemaking activity has occurred in the current *Register* volume and a Sections Affected Index listing, by Title of the *Illinois Administrative Code*, each Section (including supplementary material) of a Part on which rulemaking activity has occurred in the current volume. Both indices are action coded and are designed to aid the public in monitoring rules.

The *Register* will serve as the update to the *Illinois Administrative Code*, a compilation of the rules of State agencies. The most recent edition of the *Code* along with the *Register* comprise the most current accounting of the State agencies' rules.

The *Illinois Register* is the property of the State of Illinois, granted by the authority of the Illinois Administrative Procedure Act (Ill. Rev. Stat. 1985, ch. 127, pars. 1001 et seq., as amended).

REGISTER PUBLICATION SCHEDULE 1990

Material Rec'd after 4:30 p.m. on:	And before 4:30 p.m. on:	Will be in Issue #:	Published on:	Material Rec'd after 4:30 p.m. on:	And before 4:30 p.m. on:	Will be in Issue #:	Published on:
Dec. 19, 1989	Dec. 26, 1989	1	Jan. 5, 1990	June 26, 1990	July 3, 1990	28	July 13, 1990
Dec. 26, 1990	Jan. 2, 1990	2	Jan. 12, 1990	July 3, 1990	July 10, 1990	29	July 20, 1990
Jan. 2, 1990	Jan. 9, 1990	3	Jan. 19, 1990	July 10, 1990	July 17, 1990	30	July 27, 1990
Jan. 9, 1990	Jan. 16, 1990	4	Jan. 26, 1990	July 17, 1990	July 24, 1990	31	Aug. 3, 1990
Jan. 16, 1990	Jan. 23, 1990	5	Feb. 2, 1990	July 24, 1990	July 31, 1990	32	Aug. 10, 1990
Jan. 23, 1990	Jan. 30, 1990	6	Feb. 9, 1990	July 31, 1990	Aug. 7, 1990	33	Aug. 17, 1990
Jan. 30, 1990	Feb. 6, 1990	7	Feb. 16, 1990	Aug. 7, 1990	Aug. 14, 1990	34	Aug. 24, 1990
Feb. 6, 1990	Feb. 13, 1990	8	Feb. 23, 1990	Aug. 14, 1990	Aug. 21, 1990	35	Aug. 31, 1990
Feb. 13, 1990	Feb. 20, 1990	9	Mar. 2, 1990	Aug. 21, 1990	Aug. 28, 1990	36	Sept. 7, 1990
Feb. 20, 1990	Feb. 27, 1990	10	Mar. 9, 1990	Aug. 28, 1990	Sept. 4, 1990	37	Sept. 14, 1990
Feb. 27, 1990	Mar. 6, 1990	11	Mar. 16, 1990	Sept. 4, 1990	Sept. 11, 1990	38	Sept. 21, 1990
Mar. 6, 1990	Mar. 13, 1990	12	Mar. 23, 1990	Sept. 11, 1990	Sept. 18, 1990	39	Sept. 28, 1990
Mar. 13, 1990	Mar. 20, 1990	13	Mar. 30, 1990	Sept. 18, 1990	Sept. 25, 1990	40	Oct. 5, 1990
Mar. 20, 1990	Mar. 27, 1990	14	Apr. 6, 1990	Sept. 25, 1990	Oct. 2, 1990	41	Oct. 12, 1990
Mar. 27, 1990	Apr. 3, 1990	15	Apr. 13, 1990	Oct. 2, 1990	Oct. 9, 1990	42	Oct. 19, 1990
Apr. 3, 1990	Apr. 10, 1990	16	Apr. 20, 1990	Oct. 9, 1990	Oct. 16, 1990	43	Oct. 26, 1990
Apr. 10, 1990	Apr. 17, 1990	17	Apr. 27, 1990	Oct. 16, 1990	Oct. 23, 1990	44	Nov. 2, 1990
Apr. 17, 1990	Apr. 24, 1990	18	May 4, 1990	Oct. 23, 1990	Oct. 30, 1990	45	Nov. 9, 1990
Apr. 24, 1990	May 1, 1990	19	May 11, 1990	Oct. 30, 1990	Nov. 5, 1990	46	Nov. 16, 1990
May 1, 1990	May 8, 1990	20	May 18, 1990	Nov. 5, 1990	Nov. 13, 1990	47	Nov. 26, 1990 (Mon.)
May 8, 1990	May 15, 1990	21	May 25, 1990	Nov. 13, 1990	Nov. 20, 1990	48	Nov. 30, 1990
May 15, 1990	May 22, 1990	22	June 1, 1990	Nov. 20, 1990	Nov. 27, 1990	49	Dec. 7, 1990
May 22, 1990	May 29, 1990	23	June 8, 1990	Nov. 27, 1990	Dec. 4, 1990	50	Dec. 14, 1990
May 29, 1990	June 5, 1990	24	June 15, 1990	Dec. 4, 1990	Dec. 11, 1990	51	Dec. 21, 1990
June 5, 1990	June 12, 1990	25	June 22, 1990	Dec. 11, 1990	Dec. 18, 1990	52	Dec. 28, 1990
June 12, 1990	June 19, 1990	26	June 29, 1990	Dec. 18, 1990	Dec. 24, 1990	1	Jan. 4, 1991
June 19, 1990	June 26, 1990	27	July 6, 1990	Dec. 24, 1990	Dec. 31, 1990	2	Jan. 11, 1991

Please note: When the Register deadline falls on a State holiday, the deadline becomes 4:30 p.m. on Monday (the day before).

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Training Services for the Disadvantaged

- 2) Code Citation: 56 Ill. Adm. Code 2610

- 3) Section Numbers: Proposed Action:

2610.60	Amendment
2610.Appendix A	Amendment
2610.Appendix B	New Section
Illustration A	New Section
Illustration B	New Section
Illustration C	New Section
Illustration D	New Section
Illustration E	New Section

- 4) Statutory Authority: Implementing Section 121(b)(1) of the Job Training Partnership Act (P.L. 97-300, effective October 13, 1982, as amended by P.L. 97-404, effective December 31, 1982; P.L. 99-496, effective October 16, 1986; P.L. 99-570, effective October 27, 1986; and P.L. 100-418, effective August 23, 1988); Section 4 of the Illinois Job Training Coordinating Council Act (Ill. Rev. Stat. 1989, ch. 48, par. 2104); and Sections 46.41 and 46.49 of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 46.41 and 46.49) and authorized by Sections 46.40(b) and 46.42 of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 46.40(b) and 46.42).

- 5) A Complete Description of the Subjects and Issues Involved: Amendments to the "Training Services for the Disadvantaged" rules update the coordination criteria for the Program Year (PY)'90/'91. Major changes include: expansion of criteria for the educational community to include the topical area of "referral procedures"; expansion of signatories for the agreement(s); revision of language in the Illinois Department of Public Aid agency specific criteria to reflect federal requirements for coordination with private industry councils; addition of planning cycle language to the topical area of "joint planning" in order to provide for effective co-planning of programs and services; and, in the Area Agency on Aging agreement, inclusion of an option for negotiating and signing an agreement with the Senior Community Service Employment Program or other not-for-profit agency administering Title V of the Older Americans Act in addition to the required signatory from the Area Agency on Aging. Additionally, the standard pages for each coordination agreement, found in Section 2610.Appendix A have been revised and a new Section 2610.Appendix B has been added to provide agency specific memorandums of understanding (Illustrations A through E).

- 6) Will these proposed amendments replace an emergency rule currently in effect? No.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- 7) Does this rulemaking contain an automatic repeal date? No.

- 8) Do these proposed amendments contain incorporations by reference? Yes, under Section 6.02(a) of the Illinois Administrative Procedure Act.

- 9) Are there any proposed amendments pending on this Part? Yes.

<u>Section Numbers:</u>	<u>Proposed Action:</u>	<u>Illinois Register Citation:</u>
2610.100	Amendment	August 17, 1990
2610.130	Amendment	14 Ill. Reg. 13074
		August 17, 1990
2610.150	New Section	14 Ill. Reg. 13074
		August 17, 1990
		14 Ill. Reg. 13074

- 10) Statement of Statewide Policy Objectives: This rulemaking does not create or expand a state mandate as defined in Section 3(b) of the State Mandates Act (Ill. Rev. Stat. 1989, ch. 85, par. 2203).

- 11) Time, Place, and Manner in which interested persons may comment on this proposed rulemaking: Interested persons may present their comments concerning this proposed rulemaking in writing within 45 days after this edition of the Illinois Register to the following:

Mr. John D. Taylor, Deputy Director
Department of Commerce and Community Affairs
Bureau of Program Administration
620 East Adams Street, 5th floor
Springfield, Illinois 62701
(217) 782-6136

- 12) Initial Regulatory Flexibility Analysis:

- A) Date rule was submitted to the Business Assistance Office of the Department of Commerce and Community Affairs: September 21, 1990.

- B) Types of small businesses and small municipalities affected: There will be no direct effect on small municipalities. Thirteen of these grantees are not-for-profits and are therefore considered to be small businesses in accordance with the Illinois Administrative Procedure Act.

- C) Reporting, bookkeeping or other procedures required for compliance: This rulemaking revises rules governing coordination criteria for JTPA grantees. All JTPA grantees must comply with this rulemaking.

- D) Types of professional skills necessary for compliance: Current JTPA grantee staff possess the skills necessary for compliance.

The full text of the Proposed Amendments begins on the next page:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

CHAPTER III: DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS
TITLE 56: LABOR AND EMPLOYMENTPART 2610
TRAINING SERVICES FOR THE DISADVANTAGED

Section
2610.10 Legislative Base
2610.20 Definitions
2610.30 Allocation of Funds
2610.40 Local Job Training Plan
2610.50 Plan Development and Approval
2610.60 Coordination Criteria
2610.70 Allowable Activities
2610.80 Eligibility Requirements
2610.90 Waivers of Limitation of Cost
2610.100 Performance Standards
2610.110 Grievance Procedure
2610.120 Non-discrimination
2610.130 Reports and Recordkeeping Requirements
2610.140 Administrative Requirements
2610. Coordination Agreement
2610. Memorandums of Understanding

2610. Appendix A
2610. Appendix B
Adjusting--Follow-Up--Performance Instructions:--Worksheet--for
Bias--(Repeated)

Illustration A Memorandum of Understanding Between the JTPA Service
Delivery Area and the Department of Children and Family
Services

Illustration B Memorandum of Understanding Between the JTPA Substate
Grantee and the Area Agencies on Aging or Other
Not-For-Profit Agency Administering Title V of the Older
Americans Act

Illustration C Memorandum of Understanding Between the JTPA Title II and
III and the Displaced Homemaker Program

Illustration D Memorandum of Understanding Between the JTPA Substate
Grantee and the Illinois Department of Rehabilitation
Services

Illustration E Memorandum of Understanding Between the JTPA Substate
Grantee and the Illinois Department of Public Aid/Project
Chance

AUTHORITY: Implementing Sections 46.41 and 46.49 of the Civil Administrative
Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 46.41 and 46.49);
Section 4 of the Illinois Job Training Coordinating Council Act (Ill. Rev.
Stat. 1989, ch. 48, par. 2104); and the Job Training Partnership Act (P.L.
97-300, effective October 13, 1982, as amended by P.L. 97-404, effective
December 31, 1982; P.L. 99-496, effective October 16, 1986; P.L. 99-570,
effective October 27, 1986; and P.L. 100-418, effective August 23, 1988) and
authorized by Section 46.40(b) and 46.42 of the Civil Administrative Code of

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 46.40(b) and 46.42).

SOURCE: Adopted at 8 Ill. Reg. 17819, effective September 14, 1984; amended
at 9 Ill. Reg. 6119, effective April 19, 1985; amended at 9 Ill. Reg. 13072,
effective August 12, 1985; amended at 10 Ill. Reg. 4816, effective March 11,
1986; emergency amendments at 10 Ill. Reg. 12780, effective July 10, 1986 for
a maximum of 150 days; amended at 11 Ill. Reg. 2738, effective January 26,
1987; amended at 11 Ill. Reg. 11954, effective July 7, 1987; amended at 12
Ill. Reg. 4128, effective February 8, 1988; amended at 13 Ill. Reg. 14875,
effective September 6, 1989; amended at 14 Ill. Reg. 1976, effective January
18, 1990; amended at 14 Ill. Reg. _____, effective _____.

Section 2610.60 Coordination Criteria

a) Establishment of Coordination Criteria - In accordance with
Section 121(b)(1) of the Act, the Governor, in conjunction with
the Illinois Job Training Coordinating Council (IJTCC), has
established coordination criteria in subsection (b) for
coordinating JTPA activities. The criteria shall apply for
coordinating activities under the Act (including Title III) with,
at minimum, the following:

- 1) programs and services provided by state and local education
and training agencies (including vocational education
agencies);
- 2) public assistance agencies;
- 3) the employment service;
- 4) rehabilitation agencies;
- 5) post-secondary institutions;
- 6) economic development agencies; and
- 7) such other agencies as the Governor determines to have a
direct interest in employment and training and human
resource utilization within the state.

b) Coordination Agreement Criteria

- 1) SDA Title II administrative entities who are also Substate
Area Grantees for Title III are required to have Entities
which--administer--JTPA--funds--shall--negotiate written
coordination agreements with, at minimum, the Illinois
Departments of Rehabilitation Services, Public Aid,
Employment Security, Corrections, and the educational
community (such as community colleges, regional-delivery

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

systems;--area-career-centers Education for Employment Regional Delivery Systems, Regional Superintendents of Schools, and Area Planning Councils for Adult Education and Area Agencies on Aging (AAA)). Entities which administer JTPA funds and which also directly administer 3% Older Individuals Programs (Section 124 of the Act) must have written coordination agreements with their respective Area Agencies on Aging. Such administrative entities may, as an option, also have a coordination agreement with a not-for-profit agency administering Title V of the Older Americans Act of 1965 in lieu of an agreement with the AAA, if deemed appropriate. Such administrative entities shall have a memorandum of understanding with the Displaced Homemakers Program (if applicable for the area) and the Department of Children and Family Services. Such administrative entities shall have an assurance statement that coordinates Substate Area (SSA) planning activities with the Private Industry Council/Local Elected Official(s) (PIC/LEO(s)) with the following provisions:

- A) The PIC and LEO(s) must approve the SSA's two-year local plan, and subsequent modifications, prior to submission to the State.
- B) The SSA must be provided the opportunity to present its two year plan and subsequent modifications, to the PIC and LEO(s) in its Substate Area.
- C) The SSA will provide the PIC with a list of proposed classroom training programs including those offered by its subcontractors for PIC approval.
- D) There is a signed statement by the PIC chair, LEO(s), and SSA affirming compliance with subsections(b)(1)(A) through (C) above.

- 2) Title III dislocated worker program operators shall be required to have formal coordination agreements with all entities which administer JTPA funds in their geographic service areas;--in addition; Title III dislocated worker program grantees shall negotiate written coordination agreements with the Illinois Department of Employment Security and other coordinating social service agencies to supplement limited participant support funds and to avoid duplication of effort;--The written coordination agreements developed by the Title III dislocated worker program grantees and the Illinois Department of Employment Security may be financial; nonfinancial or a combination of both. SDA Title II Administrative Entities who are not SSAs may

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

ignore any language in the agency specific coordination criteria that assumes an SSA status but must have all the cited agreements and memorandum of understanding, in subsection(b)(1) above, at minimum. However, the assurance statement cited in subsection(b)(1) above is not required.

- 3) SSAs for Title III who are not SDA Title II Administrative Entities shall have coordination agreements, at minimum, with the SDA Title II Administrative Entity, Department of Employment Security, and the educational community. Such SSAs shall have memorandums of understanding, at minimum, with the Area Agency on Aging (or as an option may have a memorandum of understanding with a not-for-profit agency administering Title V of the Older Americans Act of 1965, if deemed appropriate), Displaced Homemaker Program (if applicable for area), Department of Rehabilitation Services, and the Department of Public Aid.

- 4) SDA/SSA planning entities shall maintain current copies of all coordination agreements/memorandums of understanding/assurance statements and make copies available to the Department upon request. Each coordination agreement shall contain the standard pages found in Appendix A of this Part:

The Illinois Displaced Homemaker Program and the Illinois Department of Children and Family Services shall negotiate written Memorandums of Understanding with JTPA-SDAs:

- 5) Each coordination agreement shall contain the standard pages found in Section 2610 Appendix A. Each memorandum of understanding shall reflect general provisions found in the appropriate agency specific memorandums of understanding in Section 100 Appendix B.

- c) Illinois Department of Public Aid (IDPA) Coordination Agreement - The IDPA and the JTPA SDAs shall establish a coordination agreement addressing specific requirements within the following topical areas:

- 1) Joint Planning - The coordinating agencies shall participate in joint planning activities which must be described in the agreement.

- A) The joint planning of activities will be facilitated through the requirement for coordinating agencies to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

i) The quarterly meetings must be based on a pre-established agenda, which includes, but is not limited to, the topics of program information exchange, services to common clients, the referral process and joint planning. A portion of the quarterly meeting will be devoted to an update on the Job Opportunities and Basic Skills Training (JOBS) program participation levels (participants) in the SDA.

ii) At least one of the quarterly meetings must be used as a local strategic planning session where information concerning such items as occupational and labor market information, demographic information, services available from various vendors in the areas, and linkages among service providers, at a minimum, are discussed. When a modification to the coordination agreement is necessary, a separate meeting will be held to discuss the timelines and equal sharing of responsibilities. The timelines will include a reasonable period for review, approvals and signature at the State level of not less than 2 weeks.

iii) One of the quarterly meetings must be held during the development stage of the two-year local job training plan. At least one of the quarterly meetings timed in conjunction with local planning cycles must be used as a local strategic planning session. Topics which could be discussed include but are not limited to: occupational and labor market information, demographic information, needs of clients in the area, services available from various vendors in the area, linkages among service providers, and identification and use of existing resources. All agencies needed to efficiently and effectively co-plan training and services should be in attendance at this meeting.

iv) A strategic plan which details the process by which IDPA eligibility and available services will be presented to dislocated workers in the event of a mass layoff or plant closing and which must be developed and described in the agreement.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

v) A summary of the discussions at each quarterly meeting and an identification of any issues which are determined necessary to be resolved at the State level must be developed and forwarded within two weeks of following the meeting date to the IJTC staff who will inform the council and the State IDPA Director of the liaison of any issues.

B) As part of the joint planning activities, JTPA entities will share the contents of the two-year local job training plan and subsequent modifications involving changes in either available programs or participants to be served with the coordinating agent. IDPA will be given the opportunity to review and comment upon the plan as it relates to services to public aid recipients.

C) As part of the joint planning activities, the process whereby the JOBS plan will be presented to the PIC for review and comment (per federal regulations published October 13, 1989 at 54 FR 42247 (to be codified at 45 CFR 250.12 and 250.13)) shall be described. Sections concerning labor management information (LMI), delivery of services, service providers, and the growth areas for employment in the area for which training should be available shall be detailed. The State IV-A agency (in Illinois the IDPA) must consult with the PICs on the development of arrangements and contracts under JOBS.

D) The Request for Proposal (RFP) for Project Chance job placement contracts will require proposers to document coordination with the SDA as part of their proposal to assure that services to be provided do not duplicate existing services. The SDA may request a copy of the proposal from the proposer before providing comments. IDPA shall contact the SDA prior to executing a contract if such documentation is absent or insufficient. IDPA will acknowledge receipt of the SDA's comments, in writing, and will take such comments into account when considering RFPs for funding. IDPA will notify SDAs of all Project Chance proposals which successfully captured funding in their respective geographic areas or the absence of Project Chance contracts in the SDA.

2) Referral Procedures - The coordinating agencies shall establish reciprocal participant referral procedures for

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

agencies serving the same client groups. The reciprocal referral procedures shall be designed to address local needs and shall include the following information:

A) When IDPA/Project Chance staff identify a client who is in need of and can benefit from JTPA services, the client will be provided a Project Chance written referral with the address and phone number of the JTPA office and directed to apply there. Clients will also be advised to take their medical card (DPA 469) or Notice of Food Stamp Certification (DPA 360A) and their Social Security Cards with them to the JTPA office. The DPA 469 or the DPA 360A will be the primary means of verifying eligibility of public aid recipients.

B) When JTPA staff identify eligible public aid recipients who are in need of and can benefit from IDPA Project Chance support services, they will refer the client in writing to the Project Chance office to obtain these services. The Project Chance office will determine the allowable support services and forward confirmation of such to the JTPA office.

C) IDPA, SDA, and SSA staff involved in the referral process will be cross-trained in each other's programs, services, eligibility constraints and all other pertinent information.

D) E) A description of the means used to communicate, at a minimum, the needs of JTPA for specific substantial segment groups (such as dropouts, women, Blacks, Hispanics, welfare recipients, individuals 55 and older, and the handicapped), individuals with particular skills or academic achievement levels to IDPA for targeted referrals of public assistance recipients when possible.

E) B) The number of Project Chance participants to be referred by IDPA to JTPA will not be negotiated until an evaluation has been conducted of the JOBS Program effort to serve volunteers first. The percentage of "not job ready" and "near job ready" referrals will be negotiable in the second half of the two year coordination agreement (plan). For clarification, a referral is an individual who has been referred by Project Chance staff or JTPA staff to the other's program. A common client is an individual served by both JTPA and Project Chance who may or may not have

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

been referred by either entity.

E) E) The IDPA 1504 form, "JTPA Request for Status Verification and Notice of Program Participation" or an agreed upon form shall be used by JTPA to elicit the client's signature for confidentiality statement and for other purposes determined in local negotiations. If another system/form is used to accomplish these purposes, a description must be provided.

3) Program Information Exchange - The coordinating agencies shall establish a program information exchange system and make such adjustments as necessary to strengthen communication at the local level.

A) Minimally, information on the following topics will be exchanged to maintain accuracy and mutual understanding of the programs for which the coordinating agencies are responsible:

- i) Program descriptions;
- ii) Program/services eligibility requirements;
- iii) Funding source and amount available to support activities;
- iv) Timelines; and,
- v) Availability of support services.

B) All contact regarding training, job placement and supportive services for public aid clients which is initiated by the JTPA system to IDPA will be through local Project Chance staff. IDPA will provide SDAs with a directory of Project Chance staff.

4) Services to Common Clients - The coordination agreement shall specify how JTPA and IDPA will coordinate in providing services to common clients. JTPA and IDPA will minimally reach agreement on the following issues with respect to providing services to common clients:

A) The coordination agreement shall indicate if the SDA has entered into a IDPA/Department tape match agreement. If not, a description must be included of the A reporting schedule and method for JTPA to provide Project Chance Specialists with the following

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

information regarding public aid clients:

- 1) who is enrolled, including public aid recipients who were not referred by IDPA;
- 2) the current status of those who were enrolled but have dropped out of JTPA training; and
- 3) any job placements, including those enrolled enrollments of common clients in on-the-job training.

B) Upon request, Project Chance will provide the SBA information to the SDA with respect to a an individual public aid recipient's former work history and previous participation in training programs or current obligations under Project Chance.

C) JTPA staff, during application/assessment, will ask IDPA clients, who were not referred by Project Chance, if they are mandatory Project Chance participants. JTPA staff will determine the appropriateness of training or job search programs for each public aid client enrolled. JTPA determinations are final. In the event that Project Chance staff do not agree with the determination of the JTPA office, they may request that the Administrator of the Division of Employment and Social Services of IDPA disapprove participation in JTPA. Project Chance staff shall acknowledge the expertise of the local JTPA staff in assessing and assigning participants to various training and/or job search activities. In the infrequent instances where agreement on a participant's assignment cannot be reached, Project Chance staff may submit the facts of the case to the IDPA Administrator of the Division of Employment and Training for final review and dispensation.

D) Supportive services necessitated by a public aid recipient's participation in JTPA programs which are available from IDPA will be issued by the Project Chance staff.

d) Illinois Department of Rehabilitation Services (IDORS) Coordination Agreement - The IDORS and JTPA SDAs shall establish a coordination agreement addressing specific requirements within the following topical areas:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

1) Joint Planning - The coordinating agencies shall jointly plan JTPA services for mutual clients in the SDA:

A) The joint planning of activities will be facilitated through the requirement for coordinating agents to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

i) The quarterly meetings must be based upon a pre-established agenda which includes, but is not limited to, the topics of program information exchange, referral process including a discussion of progress made by the SDA in meeting substantial segments service level for the handicapped, joint planning and other local concerns;

ii) At least one of the quarterly meetings timed in conjunction with local planning cycles must be used as a local strategic planning session. Where information concerning such items as Topics which could be discussed include but are not limited to: occupational and labor market information, needs of clients in the area, demographic information, services available from various vendors in the area and linkages among service providers, at minimum, are discussed, and identification and use of existing resources. All agencies needed to efficiently and effectively co-plan training and services should be in attendance at this meeting.

iii) A strategic plan shall be developed by the parties to this agreement which details the process by which DORS eligibility and available services will be presented to dislocated workers in the event of a mass layoff or plant closing.

iv) A summary of the discussion taking place as well as an identification of any issues which are determined necessary to be resolved at the state level must be developed and forwarded to the IJTCC within two weeks following the meeting date.

B) As part of the joint planning activities, JTPA

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

entities will share the contents of the two-year local job training plan and subsequent modifications involving changes in either available program or participants to be served with the coordinating agency. IDORS will have the opportunity to review and comment upon such planned information as it relates to services to the handicapped.

- 2) Referral Procedures - The coordinating agencies shall establish reciprocal participant referral procedures for agencies serving the same client groups. The reciprocal referral procedures shall be designed to address local needs and shall include the following information:

- A) A description of how and under what circumstances, referrals will be made from JTPA to IDORS.
- B) A description of how referrals will be made from IDORS to JTPA identifying any services which are provided or will be provided to the client from IDORS, and the name of the staff making the referral.
- C) A description of the methods utilized to track the outcome of referrals from IDORS to JTPA.
- D) A description of the methods utilized to communicate JTPA needs regarding specific substantial segment groups, individuals with particular skills or academic achievement levels, at a minimum, to IDORS for targeted referrals of the handicapped.
- E) The number of handicapped to be referred by IDORS to JTPA.

- 3) Program Information Exchange - The coordinating agencies shall establish a program information exchange system and make such adjustments as necessary to strengthen communications at the local level. Information on the following topics will be exchanged to maintain accuracy and mutual understanding of the programs for which the coordinating agencies are responsible, at minimum:

- A) Program descriptions;
- B) Program/services eligibility requirements;
- C) Funding source and amount available to support activities;

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- D) Timelines; and,
- E) Availability of support services.

- e) The educational community and JTPA SDAs/SSAs shall establish a coordination agreement(s) addressing specific requirements within the following topical areas:

- 1) Joint Planning - The coordinating agencies shall jointly plan JTPA services for mutual clients in the SDA/SSA.
- A) The joint planning of activities will be facilitated through the requirement for coordinating agencies to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

- i) The quarterly meetings must be based on a pre-established agenda which includes, but is not limited to, a discussion of program information exchange, joint planning and other local concerns;

- ii) At least one of the quarterly meetings timed in conjunction with local planning cycles must be used as a local strategic planning session. Where--information--concerning--such--items--as Topics which could be discussed include but are not limited to: occupational and labor market information, demographic information; services available from various vendors in the area and linkages among service providers, at minimum, are discussed; and identification and use of existing resources. All agencies needed to efficiently and effectively co-plan training and services should be in attendance at this meeting.

- iii) In those instances where an SDA combines its quarterly meetings with other mandated coordinating agents, then at least one meeting (a separate meeting or in conjunction with a regularly scheduled quarterly meeting) will be required with all of the education liaisons and JTPA representatives. Topics which must be discussed include testing, assessment, vocational counseling, and the granting of academic credit for JTPA program participation to facilitate an awareness of each other's

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

roles and to avoid unnecessary duplication.

iviiiA summary of the discussions taking place at each required meeting as well as an identification of any issues are determined necessary to be resolved at the state level which must be developed and forwarded to the IJCC within two weeks following the meeting date.

B) As part of the joint planning activities, SDAS, SSAS, and education liaisons will share the contents of the two-year local job training plans, the Title III substate plans, the education for employment plans, and the adult education area plans respectively, and as well as any subsequent major modifications involving changes in either available programs or participants to be served with the coordinating agency agents. The agencies will have the opportunity to review and comment upon such plans. Educational agencies will have the opportunity to review and comment on such planned information, particularly in such areas as academic classroom training, vocational classroom training, youth programming, youth competencies (56 iii: Adm: Code 2600.20) and occupational and labor market information.

C) JPPA will have the opportunity to review and comment on local vocational education plans with emphasis on areas described in subsection (e)(1)(B) as well as any populations targeted for special services in the plans/modifications. SSAS and local educational agencies shall negotiate with the community college presidents and the Illinois Association of Student Financial Aid Administrators for documenting dislocated worker status for individuals seeking educational financial assistance under the 1986 amendments to the Higher Education Act (Public Law 99-498).

B) JPPA and local educational agencies will discuss requirements in Title II-B (Sections 251-255 of the Act) that all participants must have reading and math skills assessed to identify need for remediation. The intent of these discussions is to explore the development and implementation of any linkages between JPPA and education to avoid duplication among these activities.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

E) JPPA and educational agencies will examine under what circumstances youth shall be able to obtain academic credit for participation in JPPA programs.

2) Program Information Exchange - The coordinating agencies shall establish a program information exchange system and make such arrangements as are necessary to strengthen communication at the local level.

A) Information on the following topics will be exchanged to maintain accuracy and mutual understanding of the programs for which the coordinating agencies are responsible: Education and JTPA liaisons shall exchange information on each other's programs, services and eligibility requirements as often as necessary to maintain accuracy and a mutual understanding of the programs.

i) Program descriptions;

ii) Program/services-eligibility requirements;

iii) Funding--source/amount--available--to--support activities;

iv) Timeliness; and;

v) Availability of support services.

B) A narrative description or a flow chart of the process The agreement shall describe the process that is used to exchange program information among education liaisons and JTPA, including the dissemination of JTPA information among different entities in the local educational community as appropriate and necessary to affect coordination.

C) The means by which educational agencies can access Private Industry Councils for purposes of enhancing its understanding of vocational education programs and services and identifying ways in which JPPA and vocational education can better complement each other.

B) The means by which the JPPA system can access the vocational education advisory structure for purposes of enhancing its understanding of JPPA.

3) Referral Arrangements - By the second year of the two year

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

plan, the coordinating agents will develop reciprocal participant referral procedures to comply with the coordination criteria. The reciprocal referral procedures shall include the following information:

- A) A description of how and under what circumstances, referrals will be made from JTPA for both youth and adults to vocational or academic programs or both.
- B) A description of how referrals will be made from education to JTPA including some method of identifying any services that are provided, or that will be provided, to the client from education and the name of the staff or educator making the referral, as well as methods used to communicate the needs of JTPA and education for specific substantial segment groups, individuals with particular skill or academic achievement levels for targeted referrals of priority populations.

f) The Illinois Department of Employment Security (IDES) Coordination Agreement - The IDES and JTPA SDAs/SSAs shall establish a coordination agreement. This coordination agreement shall serve as the local component plan required by JTPA amendments to the Wagner-Peyser Act (29 U.S.C. 49g). The coordination agreement will address specific requirements within the following topical areas:

- 1) Joint Planning - The coordinating agencies shall jointly plan JTPA services for mutual clients in the SDA/SSA.
 - A) The joint planning activities will be facilitated through the requirement for coordinating agencies to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.
 - i) The quarterly meetings must be based on a pre-established agenda which includes, but is not limited to, the topics of program information exchange, referral process, joint planning and other local concerns.
 - ii) At least one of the quarterly meetings timed in conjunction with the local planning cycles, must be used as a local strategic planning session, where--information--concerning--such items--as Topics which could be discussed include, but are not limited to, occupational

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

and labor market information, demographic information, needs of clients in the area (including veterans), services available from various vendors in the area, and linkages among service providers, identification of existing resources, and the use of existing resources. at minimum, are discussed.

- iii) At least one quarterly meeting must be used as a local strategic planning session to determine the responsibilities and roles of each entity for the delivery of programs and services to dislocated workers under two separate circumstances. For mass layoff/plant closings, the coordination agreement must specify under what conditions IDES shall provide services on-site for any, or all, of the following: claims taking for unemployment insurance benefits; registration for services of the Job Service; outstationing of staff and equipment; job aptitude testing and scoring, when appropriate; and analysis of local labor market trends and opportunities for employment. For service to the dislocated worker population at large, the coordination agreement must describe coordination strategies between the SSA and IDES that include: job aptitude testing, scoring and assessment; the provision of assistance in the preparation of petitions for Trade Act Assistance (TAA); and delivery of training for individuals who are both Title III and TAA eligible.

iv) A written summary of the discussions taking place at each quarterly meeting as well as an identification of any issues which are determined necessary to be resolved at the state level must be developed and forwarded to the IJTCC within two weeks following the meeting date.

- B) As part of the joint planning activities, JTPA entities will share the contents of the two-year local job training plan, the two-year local substate area plan for Title III, and subsequent modifications to either plan involving changes in either available programs or participants to be served by with the coordinating agent or describe the role of the IDES representative on the PIC in the planning process

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

agency.

C) The IDES Consolidated Office and Regional Office Plans of Service, including those developed by local employment security offices, shall be made available to SDAs and/or SSAs at any time, upon request, for educational and informational purposes to facilitate joint planning. The IJTC will transmit a copy of the annual Wagner-Peyser Plan to the SDA; any SDA comments may be submitted to the IJTC staff prior to IJTC review.

B) The SBA's and their subcontractors will routinely provide IDES with a list of PIC approved classroom training programs and other special courses being offered by the SBA, 30-45 days prior to the beginning of a course, to allow for referrals of clients to JTPA for training. IDES shall be notified when classes are filled so referrals to these classes will be discontinued.

D) E) SDAs and SSAs will indicate in the agreement whether they will participate in the Job Order Access component of the Employ Illinois Initiative of IDES which is an optional initiative provided for by IDES involving automated listings of all job orders, e.g., training classes, OJTs and unsubsidized job openings placements, and describe specifically how coordination, job development and employer contacts will occur.

F) For those SBAs participating in the Job Order Access Component of the Employ Illinois Initiative, IDES will provide for placement of 10% of the referrals from the SBA unless the Coordination Agreement reflects a higher percentage that is negotiated locally.

G) IDES and SDA staff involved in employer contacts and job development will be cross-trained in each other's programs, services, eligibility constraints and all other pertinent information.

H) SDAs desiring to participate will indicate linkages which will enable them to provide Targeted Jobs Tax Credit (JTC) (see 14 Ill. Adm. Code 520.600) vouchering services for participants including the identification of any not-for-profit subcontractors who are approved by IDES to also participate. SBAs

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

not desiring to participate in JTC vouchering will so note in their agreements.

E) SDAs and SSAs shall indicate in the agreement whether they will participate in the Job Order Access component of the Employ Illinois which is an optional initiative provided by IDES involving automated listings of all job orders, e.g., training classes, OJTs and unsubsidized job openings.

F) SDAs shall indicate if they will voucher for Targeted Jobs Tax Credit (JTC) (see 14 Ill. Adm. Code 520.600) eligibility for participants including the identification of any not-for-profit subcontractors who are approved by IDES to also participate. Those SDAs not desiring to participate in JTC vouchering will so note in their agreements.

G) SDAs and SSAs shall describe specifically how coordination of job development and employer contacts will occur in the local area, including the roles and responsibilities of each agency. The process describing how IDES, SSA and SDA staff involved in employer contacts and job development will be cross-trained in each other's programs, services, eligibility constraints and all other pertinent information will be outlined.

H) The SDAs and SSAs shall also describe specifically how coordination of job development and employer contacts, as well as the staff cross-training and interface, will occur with not-for-profit subcontractors who provide placement services in the SDAs.

2) Referral Arrangements - The coordinating agencies shall establish reciprocal participant referral procedures for agencies serving the same client groups. IDES will promptly refer all JTPA eligible clients in need of employment and training services. The SDA will state the number of referrals expected from the IDES local office in the agreement. The reciprocal referral procedures shall be designed to address local needs and shall include the following: The coordinating agencies will review current reciprocal participant referral procedures and modify them, as necessary, to comply with the following:

A) IDES will promptly refer all JTPA eligible clients in need of employment and training services including

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

veterans to the SBA. The SBA will state the number of referrals expected from the IDCS local office in the agreement.

- B) The SBA and IDCS will locally determine the procedures to expeditiously provide necessary feedback to IDCS on the status/outcome of all referrals, including, but not limited to, mechanisms for information exchange, frequency of information exchange and timeframes for SBA response. The specific methodology and target populations (including veterans, dislocated workers, and job ready individuals) for reciprocal referrals must be detailed in the negotiated agreement between the SBA, SSA, and local IDCS office(s).

- C) The coordinating agencies will similarly determine locally how the SBA will be provided feedback on individuals referred to IDCS for placement including, but not limited to, mechanisms for information exchange, frequency of information exchange and timeframes for SBA response. IDCS will promptly refer all Title III eligible clients including veterans in need of employment and training services at the point of initial filing for unemployment insurance benefits to allow clients to enter training prior to the 13th benefit week and, therefore, be eligible for Title III needs based payments when unemployment insurance (UI) benefits are exhausted.

- D) The methodology and target populations for reciprocal referrals must be specified in the agreement between the SBA and local IDCS office(s). IDCS will notify SSAs of TAA eligible individuals to ensure that client services are closely coordinated on an individual basis. SSAs will cooperate with IDCS to dovetail EDWAA Services with those provided to individuals as a result of their TAA petitions.

- E) Where a program authorized under Section 7(b) of the Wagner-Peyser Act (29 U.S.C.A. 49f(b)) is in place, IDCS, Illinois Department of Children and Family Services (IDCFS), and the SBA will discuss local implementation and tracking of the IDCS/IDCFS arrangement whereby IDCS performs Wagner-Peyser activities on behalf of referrals from IDCFS.

- F) The SBA, SSAs and IDCS will locally determine and describe the procedures to expeditiously provide

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

feedback to IDCS, when requested, on the status/outcome of all referrals, including, but not limited to, mechanisms for information exchange, frequency of information exchange and timeframes for SBA and SSA responses.

- G) Training will be provided locally to SBA and IDCS staff involved in referral arrangements. The coordination agents will determine locally and describe in their agreement how the SBA and SSA will be provided feedback on individuals referred to IDCS for placement including, but not limited to, mechanisms for information exchange, frequency of information exchange and timeframes for SBA and SSA responses.

- H) SBA and SSA job orders will only receive JTPA eligible referrals from IDCS until such time that the SBA and SSA releases the order to allow for other referrals.

- I) All necessary information will be promptly shared when either entity makes a placement. The procedures to cross-train the local SBA, SSA and IDCS staff involved in referral arrangements shall be described.

- J) SBA and SSA job orders will only receive JTPA eligible referrals from IDCS until such time that the SBA or SSA releases the order to allow for other referrals.

- 3) Program Information Exchange - The coordinating agencies shall establish a program information exchange system and make such adjustments as necessary to strengthen communication at the local level.

- A) IDCS will provide SSAs and SDAs through the Department, the following information from IDCS's computerized systems:

- i) Selected data from the Permanent Mass Layoff and Plant Closing System.

- ii) Selected data from the ES-202 which lists all employers in Illinois includes employer name, address, standard industrial classification (SIC) codes, and trends/projections.

- iii) Data on new employers who become covered under

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

the Unemployment Insurance Act.

- iv) Data elements from the Benefit Information System (BIS) on a monthly basis.
- v) SDAs will have access to selected data on Job Service applicants, including data available on the Applicant-Retrieval System.

B) The SDAs and/or SSAs, and their subcontractors will routinely provide IDES with a list of PIC approved classroom training programs and other special courses being offered by the SDA 30-45 days prior to the beginning of a course, to the extent possible, in order to allow for referrals of clients to JTPA for training. IDES should be notified when classes are filled so that referrals to those classes will be discontinued.

C)B) Upon request by IDES, SDAs and SSAs will provide advise IDES with of the following information on programs:

- i) program descriptions,
- ii) funding source/amounts,
- iii) eligibility criteria,
- iv) timelines, and;
- v) availability of support services, and
- vi) a listing of subcontractors who provide placement services.

D)C) SDAs will inform their subcontractors of the provisions of this coordination agreement and will take steps to assure compliance. IDES will provide the SSAs the following information on individuals involved in TAA training:

- i) TAA training and services provided;
- ii) TRA benefit status; and
- iii) The potential for receiving additional TRA benefits.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

E) SDAs and SSAs will provide the local IDES office(s) with brochures, fliers or other information to be handed out with a referral to JTPA.

F) SSAs will provide IDES with the proposed types of training, costs of training, and information on needs based payments for TAA eligible individuals prior to training to allow IDES to approve training thereby protecting TAA individuals from losing future TAA and TRA benefits.

G) SDAs and SSAs will explain their procedure to advise their subcontractors of the provisions of this coordination agreement and the appropriate steps to assure compliance.

g) Area Agencies on Aging (AAA) Coordination Agreement(s) - Entities which administer JTPA funds and which also directly administer 3% Older Individuals Programs shall have written coordination agreements with their respective AAA. This coordination agreement will address specific requirements within the following topical areas:

1) Joint Planning - The coordinating agencies shall jointly plan JTPA services for mutual clients in the SDA.

A) The joint planning of activities will be facilitated through the requirement for coordinating agents to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

i) The quarterly meetings must be based on a pre-established agenda which includes, but is not limited to, the topics of program information exchange, services to common clients, referral process, joint planning and other local concerns.

ii) At least one of the quarterly meetings timed in conjunction with local planning cycles must be used as a local strategic planning session. Where information concerning such items as Topics which could be discussed include but are not limited to: occupational and labor market information, demographic information, needs of clients in the area, services available from various vendors in the area, and linkages among service providers, and identification and use

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

of existing resources. at --minimum, --are discussed. All agencies needed to efficiently and effectively co-plan training and services should be in attendance at this meeting.

iii) A strategic plan shall be developed by the parties to this agreement which details the process for AAA eligibility and services to be presented to dislocated workers in the event of a mass layoff or plant closing.

iviii) A summary of the discussions taking place as well as an identification of any issues which are determined necessary to be resolved at the state level must be developed and forwarded to the IJTC within two weeks following the meeting date.

B) As part of the joint planning activities, JTPA entities will share the contents of the two-year local job training plan and subsequent major modifications involving changes in either available programs or participants to be served with the coordinating agent. AAA/Senior Community Service Employment Program (SCSEP) will have the opportunity to review and comment on such planned information as it relates to services to older individuals under Title II-A (Sections 201-205 of the Act) and the 3% program, and Title III.

2) Referral Arrangements - The coordinating agencies shall establish reciprocal participant referral procedures for agencies serving the same client groups. The reciprocal referral procedures shall be designed to address local needs and shall include the following information:

- A) A description of how and under what circumstances referrals will be made from JTPA to AAA/SCSEP.
- B) A description of how referrals will be made from AAA/SCSEP to JTPA including some means of identifying any services which are provided or to be provided to the client from AAA/SCSEP, and the name of the staff making the referral.
- C) A description of the method(s) utilized to track the outcome of the referrals from AAA/SCSEP to JTPA.
- D) A description of the means utilized to communicate

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

the needs of JTPA for specific substantial segment groups, individuals with particular skills or academic achievement levels, at minimum, to AAA/SCSEP for targeted referrals of older individuals.

E) A minimum number of older individuals which will be referred by AAA/SCSEP to JTPA.

3) Program Information Exchange - The coordinating agencies shall establish a program information exchange system.

A) Minimally, information on the following topics will be exchanged to maintain accuracy and a mutual understanding of the programs for which the coordinating agencies are responsible:

- i) Program descriptions;
- ii) Program/services eligibility requirements;
- iii) Funding source/amount available to support activities;
- iv) Timelines; and
- v) Availability of support services.

B) A narrative description or flow chart of the process which is used to exchange program information including the dissemination of JTPA information among different organizations serving the elderly where such distribution will facilitate access of older individuals to JTPA.

4) Services to Common Clients - The coordination agreement shall specify how JTPA and AAA/SCSEP will coordinate in providing services to common clients.

A) Local arrangements to share information with respect to older individuals which may assist in the assessment process such as that which may reflect skill identification, confidence building activities, education and training goals.

B) Arrangements to ensure the provision of supportive services to older individuals as necessary to affect a positive experience in the training program or activity.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- h) The Illinois Department of Corrections (IDOC) Coordination Agreement - IDOC and JTPA SDAs shall establish a coordination agreement addressing specific requirements within the following topical areas:

- 1) Joint Planning - The coordinating agencies shall jointly plan JTPA services for mutual clients in the SDA.

- A) The joint planning of activities will be facilitated through the requirement for coordinating agents to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

- i) The quarterly meetings must be based upon a pre-established agenda which includes, but is not limited to, the topics of program information exchange, services to common clients, referral process, joint planning and other local concerns.

- ii) At least one of the quarterly meetings must be used as a local strategic planning session where information concerning such items as occupational and labor market information, demographic information, services available from various vendors in the area, and linkages among service providers, at minimum, are discussed.

- iii) A summary of the discussions taking place as well as an identification of any issues which are determined necessary to be resolved at the state level must be developed and forwarded to the IJTCC within two weeks following the meeting date.

- B) As part of the joint planning activities, JTPA entities will share the contents of the two-year local job training plan and subsequent modifications involving changes in either available programs or participants to be served with the coordinating agencies.

- 2) Referral Procedures - The coordinating agencies shall establish reciprocal participant referral procedures for agencies serving the same client groups. The reciprocal referral procedures shall be designed to address local needs and shall include the following information:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- A) A description of how referrals will be made from IDOC to JTPA including some means of identifying any services which are provided or to be provided to the client from IDOC and the name of the staff making the referral.

- B) A description of the methods utilized to track the outcome of referrals from IDOC to JTPA.

- C) A description of the methods utilized to communicate JTPA needs for substantial segment groups, individuals with particular skill or academic achievement levels, at minimum, to IDOC for targeted referrals of ex-offenders when possible.

- B) A--minimum--number--of--ex-offenders--which--will--be referred--by--IDOC--to--JTPA:

- 3) Program Information Exchange - The coordinating agencies shall establish a program information exchange system. Information on the following topics shall be exchanged to maintain accuracy and mutual understanding of the programs for which the coordinating agencies are responsible, at minimum:

- A) Program descriptions;

- B) Program/services eligibility requirements;

- C) Funding source/amounts available to support activities;

- D) Timelines; and,

- E) Availability of support services.

- 4) Services to Common Clients - The coordination agreement shall specify how JTPA and IDOC will coordinate in providing services to common clients. JTPA and IDOC will minimally reach agreement on the following issues with respect to providing services to common clients:

- A) Local arrangements to share information with respect to ex-offenders to assist in the assessment process such as prior work histories, training completed, supportive services needed, etc.;

- B) Arrangements to ensure the provision of supportive services to IDOC clients as necessary to affect a

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

positive experience in the training program or activity.

- i) Title II Administrative Entities and Title III Substate Grantee coordination agreement - JTPA Title II Administrative Entities (who are not Substate Area Grantees) and Substate Area Grantees shall establish a coordination agreement addressing specific requirements within the following topical areas:

- 1) Joint Planning - The coordinating agents will participate in joint planning activities.

- A) The joint planning of activities will be facilitated through the requirement for coordinating agents to hold, at minimum, quarterly meetings to discuss the coordination agreement and any other matters pertinent locally.

- i) The quarterly meetings must be based upon a pre-established agenda which includes, but is not limited to, the topics of program information exchange, referral process, joint planning and other local concerns.

- ii) At least one of the quarterly meetings must be used as a local strategic planning session to discuss information concerning such items as occupational and labor market information, demographic information, services available from various vendors in the area, and linkages among service providers.

- iii) A summary of the discussions at each quarterly meeting as well as an identification of any issues which are determined necessary to be resolved at the State level must be developed and forwarded to the IJTCC staff within two weeks following the meeting date.

- B) As part of the joint planning activities, the substate grantee will share the contents of the two-year local plan for employment and training assistance for dislocated workers and subsequent modifications involving changes in either available programs or participants to be served with the SDA grant recipient, the PIC, and the LEO(s) in its SSA.

- i) The PIC and LEO(s) must approve the SSA's two-year local plan, and subsequent

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

modifications, prior to submission to the State.

- ii) The Substate Area Grantee must be provided the opportunity to present its two-year plan, and subsequent modifications, to the PIC and LEO(s) in its SSA.

- C) The SDA two-year local job training plan, and subsequent modifications, shall be made available to substate grantees at any time, upon request, for educational and informational purposes to facilitate joint planning.

- D) The substate grantees shall provide the PIC with a list of proposed classroom training programs including those offered by its subcontractors for PIC approval.

- E) Substate grantees shall indicate in the agreement specifically how coordination in the areas of job development and employer contacts with the SDA entities will occur.

- F) JTPA Title III and Title II staff involved in employer contacts and job development shall be cross-trained in each other's programs, services, eligibility constraints and in all other pertinent information.

- 2) Referral Arrangements - The coordinating agencies will review current reciprocal participant referral procedures and modify them, as necessary, to comply with these coordination criteria.

- A) The substate grantee will promptly refer all JTPA Title II or IBO eligible clients in need of employment and training services. The grant recipient will state the number of referrals expected from the SSAs intake center(s).

- B) SDAs will promptly refer all JTPA Title III eligible clients in need of employment and training services. The substate grantee will state the number of referrals expected from the SDAs intake center(s) in the agreement.

- C) The reciprocal referral procedures will include the following information:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- i) A description of how referrals will be made from the Title III to the Title II administering agents.
- ii) A description of how referrals will be made from the Title II to the Title III administering agents.
- iii) A description of how training will be provided locally to Title III and Title II staff involved in referral arrangements.
- iv) A description of the methods used to track the outcome of the referrals from both the JTPA entities.

3) Program Information Exchange - The coordinating agencies will review their current system for exchanging program information and make such adjustments as necessary to strengthen communication at the local level.

A) Upon request, substate grantees shall advise the SDA entities of the following information on programs:

- i) Program descriptions;
- ii) Funding source/amounts;
- iii) Eligibility criteria;
- iv) Timelines; and
- v) Availability of support services.

B) Upon request, SDA entities shall advise the substate grantee of the following information on programs:

- i) Program descriptions
- ii) Funding source/amounts;
- iii) Eligibility criteria;
- iv) Timelines; and
- v) Availability of support services.

C) Substate grantees and SDA entities shall advise their subcontractors of the provisions of this coordination

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

agreement and will take appropriate steps to assure compliance.

i) Memorandums Of Understanding Criteria - The purpose of the Memorandum of Understanding is to facilitate and maintain an interagency system for the coordination of services to mutual clients. This Memorandum of Understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services. The parties to this Memorandum are committed to confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agencies' confidentiality policies as well as the provisions of Section 7 of the Freedom of Information Act (Ill. Rev. Stat. 1987, ch. 116, par. 207). The parties to this Memorandum will appoint individuals to serve as interagency liaisons to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an Addendum to this Memorandum of Understanding. This Memorandum of Understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this Memorandum.

1) The Displaced Homemaker Program (56 Ill. Adm. Code 2640) and JTPA SDAs/SSAs shall enter into a Memorandum of Understanding to facilitate and maintain an interagency system for the coordination of services to mutual clients. This Memorandum may be withdrawn at any time by written communication, dated and signed by the Chairperson of the Private Industry Council or the Director, or otherwise responsible person for the Displaced Homemaker Center. The following topical areas with specific requirements will be addressed in this Memorandum of Understanding:

A) Exchange of Information - The SDA/SSAs and the Displaced Homemaker Program will exchange program information on a regular basis. The procedures to be used in exchanging this information will be identified in an addendum to the memorandum. Information to be exchanged includes, but is not limited to:

- i) Schedule of meetings of advisory bodies/Private-Industry-Councils PICs;
- ii) Copies of job training plans;

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- iii) Grant applications or other funding requests;
 - iv) Program descriptions;
 - v) Funding sources and amounts;
 - vi) Targeted participants if any; and
 - vii) Timeframes for program enrollments/operations.
- B) Referrals - A referral system shall be developed by the SDA/SSA and the Displaced Homemaker Program. Referrals and information exchange forms will be developed. All such documents will be attached as an Addendum to this Memorandum. Referral documents and a description of the referral system shall become the formal operating referral procedures between the SDA and the Displaced Homemaker Program.
- C) Administrative - The SDA/SSA and the Displaced Homemaker Program and their administrative entities and are committed to compliance with all appropriate and applicable laws, rules and regulations. These will include:
- i) Title VI of the Civil Rights Act of 1964 as amended (42 U.S.C. 2000e et seq.);
 - ii) Section 504 of the Rehabilitation Act (29 U.S.C. 794); and
 - iii) All other applicable or appropriate laws, rules, regulations pertaining to civil rights, affirmative action, handicapped, and employment practices (56 Ill. Adm. Code 2610.120).

- 2) The IDCFS and JTPA SDAs shall enter into a Memorandum of Understanding to facilitate and maintain an interagency system for the coordination of services to mutual clients. Amendments to provisions of this memorandum may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time through written communication dated and signed by the chairperson of the Private-Industry-Council PIC or the Regional Director of the IDCFS (or his/her designee). The following topical areas with specific requirements will be addressed in this Memorandum of Understanding:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- A) Exchange of Information - The SDA and the IDCFS regional and local offices will exchange program information on a regular basis. The information to be exchanged and the procedures to be used in exchanging the information must be identified in an Addendum to this Memorandum. The parties to this Memorandum are committed to confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agencies' confidentiality. The parties to this Memorandum will appoint an individual to serve as interagency liaison to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an Addendum to this Memorandum of Understanding. The SDA and the IDCFS regional and local offices, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to:
- i) A schedule of meetings of advisory bodies/Private Industry Councils;
 - ii) Copies of job training plans;
 - iii) Grant applications or other funding requests;
 - iv) Program descriptions;
 - v) Funding sources and amounts;
 - vi) Targeted participants (if any); and
 - vii) Timeframes for program enrollments/operations.
- B) Referrals - The IDCFS will meet with appropriate representatives of the IDES and the SDA to discuss and negotiate referral arrangements for IDCFS youth to discuss and negotiate referral arrangements for IDCFS youth to access the JTPA system. A discussion of information which will be used in exchanging such information will be developed and attached to this Memorandum as an Addendum. Included in the negotiations will be a discussion of:
- i) the role of IDCFS subcontractors in making direct referrals to the JTPA system;
 - ii) the role of IDES in referring IDCFS youth to

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

the JTPA system; and

- iii) how and from whom IDCFS will receive information regarding the status of youth referrals.

C) Administrative - The SDA and the IDCFS are committed to compliance with all appropriate and applicable laws, rules and regulations. These will include:

- i) Civil Rights Act of 1964 and 1966;
- ii) Section 504 of the Rehabilitation Act (29 U.S.C. 794);
- iii) All other applicable or appropriate laws, rules, regulations pertaining to civil rights, affirmative action, handicapped and employment practices (56 Ill. Adm. Code 2610.120).

3)

The AAA, or other not-for-profit agency, administering Title V or the Older Americans Act, and JTPA SSAs shall enter into a memorandum of understanding to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum may be withdrawn at any time by written communication, dated and signed by the Chairperson of the Private Industry Council or the Director, or otherwise responsible person for the AAA. The following topical areas with specific requirements shall be addressed in this memorandum of understanding:

A) Exchange of Information - The SDA/SSAs and the AAA shall exchange program information on a regular basis. The procedures to be used in exchanging this information shall be identified in an addendum to the memorandum. Information to be exchanged includes, but is not limited to:

- i) Schedule of meetings of advisory bodies/PICs;
- ii) Copies of job training plans;
- iv) Program descriptions;
- v) Funding sources and amounts;
- vi) Targeted participants if any; and

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

vii) Timeframes for program enrollments/operations.

B) Referrals - A referral system shall be developed by the SDA/SSA and the AAA. Referrals and information exchange forms shall be developed. All such documents shall be attached as an addendum to the memorandum. Referral documents and a description of the referral system shall become the formal operating referral procedures between the SDA and the AAA.

C) Administrative - The SDA/SSA and the AAA and their administrative entities are committed to compliance with all appropriate and applicable laws, rules and regulations. These will include:

- i) Title VI of the Civil Rights Act of 1964 as amended (42 U.S.C. 2000e et seq.);
- ii) Section 504 of the Rehabilitation Act (29 U.S.C. 794); and
- iii) All other applicable or appropriate laws, rules, regulations pertaining to civil rights, affirmative action, handicapped, and employment practices required pursuant to 56 Ill. Adm. Code 2610.120.

The Department of Rehabilitation Services (DORS) and JTPA SSAs shall enter into a memorandum of understanding to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum may be withdrawn at any time by written communication, dated and signed by the Chairperson of the PIC or the Rehabilitation Services Supervisor. The following topical areas with specific requirements will be addressed in this memorandum of understanding:

- A) Exchange of Information - The SDA/SSAs and the DORS will exchange program information on a regular basis. The procedures to be used in exchanging this information will be identified in an addendum to the memorandum. Information to be exchanged includes, but is not limited to:
 - i) Schedule of meetings of advisory bodies/PICs;
 - ii) Copies of job training plans;
 - iii) Grant applications or other funding requests;

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

16154

90

NOTICE OF PROPOSED AMENDMENTS

- iv) Program descriptions;
- v) Funding sources and amounts;
- vi) Targeted participants if any; and
- vii) Timeframes for program enrollments/operations.

B) Referrals - A referral system shall be developed by the SDA/SSA and the DORS. Referrals and information exchange forms shall be developed. All such documents will be attached as an addendum to this memorandum. Referral documents and a description of the referral system shall become the formal operating referral procedures between the SDA and the DORS.

C) Administrative - The SDA/SSA and the DORS and their administrative entities are committed to compliance with all appropriate and applicable laws, rules and regulations. These will include:

- i) Title VI of the Civil Rights Act of 1964 as amended (42 U.S.C. 2000e et seq.);
- ii) Section 504 of the Rehabilitation Act (29 U.S.C. 794); and
- iii) All other applicable or appropriate laws, rules, regulations pertaining to civil rights, affirmative action, handicapped, and employment practices required pursuant to 56 Ill. Adm. Code 2610.120.

5) The IDPA and JTPA SSAs shall enter into a memorandum of understanding to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum may be withdrawn at any time by written communication, dated and signed by the Chairperson of the PIC or the Director of the IDPA. The following topical areas with specific requirements will be addressed in this memorandum of understanding:

A) Exchange of Information - The SDA/SSAs and the IDPA will exchange program information on a regular basis. The procedures to be used in exchanging this information will be identified in an addendum to the memorandum. Information to be exchanged includes, but is not limited to:

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

- i) Schedule of meetings of advisory bodies/PICs;
- ii) Copies of job training plans;
- iv) Program descriptions;
- v) Funding sources and amounts;
- vi) Targeted participants if any; and
- vii) Timeframes for program enrollments/operations.

B) Referrals - A referral system shall be developed by the SDA and the IDPA. Referrals and information exchange forms will be developed. All such documents will be attached as an addendum to this memorandum. Referral documents and a description of the referral system shall become the formal operating referral procedures between the SDA and the DORS.

C) Administrative - The SDA/SSA and the DPA and their administrative entities are committed to compliance with all appropriate and applicable laws, rules and regulations. These will include:

- i) Title VI of the Civil Rights Act of 1964 as amended (42 U.S.C. 2000e et seq.);
- ii) Section 504 of the Rehabilitation Act (29 U.S.C. 794); and
- iii) All other applicable or appropriate laws, rules, regulations pertaining to civil rights, affirmative action, handicapped, and employment practices required pursuant to 56 Ill. Adm. Code 2610.120.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

NOTICE OF PROPOSED AMENDMENTS

Section 2610. Appendix A Coordination Agreement
PURPOSE STATEMENT
Matters which cannot be resolved by the above designated interagency coordination liaisons will be brought to the attention of _____ with the (Illinois Department of/AAA/Educational Institutions) _____ and _____ with the (JTPA Entity) _____ for resolution.

WHEREAS, the (Illinois Department of/AAA/ Educational Institutions) _____ and the (JTPA Entity) _____, are agencies with the common purpose of assisting individuals who are unemployed, underemployed and economically disadvantaged to obtain unsubsidized employment and thus, become self-sufficient; and,

WHEREAS, each agency specified above recognizes that a limited amount of resources is available in the area to provide programs and services to accomplish this purpose; and,

WHEREAS, each agency is committed to eliminating unnecessary duplication of programs and services, maximizing all available resources in a coordinated and integrated fashion, and providing the necessary support services to participants to ensure, to the extent possible, a positive employment and training experience;

The (Illinois Department of/AAA/Educational Institutions) _____ and the (JTPA Entity) _____ enter into this coordination agreement to formalize their commitment to achieving their common purpose in accordance with the procedures herein outlined.

NATURE OF AGREEMENTS

This Coordination Agreement is (nonfinancial/financial) in nature. (As a nonfinancial agreement it does not commit either agency to expenditure of funds to carry out these coordination activities. This agreement shall serve as the statement of work portion of the financial contract between the agencies.)

INTERAGENCY COORDINATION LIAISONS

Representing the (Illinois Department of/AAA/Educational Institutions) _____ in all routine matters regarding interagency coordination with the JTPA system will be _____.

Representing the (JTPA Entity) _____ in all routine matters regarding interagency coordination with the (Illinois Department of/AAA/Educational Institutions) _____ will be _____.

The above named designated liaisons are hereby assigned the additional responsibility for convening and hosting quarterly meetings and submitting required documentation addressed in the agreement under the topical area of joint planning.

Signature: _____

(Illinois-Department-of/AAA/Educational-Institutions)

CONFIDENTIALITY OF CLIENTS

Any information concerning persons served by JTPA/(Illinois Department of/AAA/Educational Institutions) shall remain confidential. Except as may be required by state or federal law, regulation or order, the agencies agree not to release any information concerning said persons without prior written consent of the individual or, if minors, their parents or guardians and that such information will be limited to that which is necessary for the proper delivery of services.

ADMINISTRATIVE

_____ and the _____ agree to abide within the policies, regulations and/or procedures of each agency.

Parties to this agreement and any subgrantees/subcontractors are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, and regulations dealing with civil rights, affirmative action, handicapped, and employment practices.

This coordination agreement is representative of the commitment between the agencies represented by the signatures below to coordinate programs and services. Amendments to provisions of this agreement may be made by mutual agreement, printed revision, and dated signatures of both responsible parties or designated signatories. Both parties will participate in an annual evaluation of the provisions of this agreement. Such annual evaluation may occur at the annual strategic planning meeting. This agreement and provisions will be in effect from July 1, 1988 1990 through June 30, 1992 or until amended or modified, and may be dissolved by either party with a written notice thirty days in advance.

NOTICE OF PROPOSED AMENDMENTS

Date:

Designated JTPA Signator(s):

Date:

Designated Coordinating Agent(s) Signator(s):

Date:

FAILURE TO COMPLY WITH COORDINATION AGREEMENT TERMS
SERVICE DELIVERY AREAS

The State Agency, educational institution and AAA/SDA Ecoordination Agreements specify interagency liaisons who will be the primary contacts between the coordinating agents for purposes of coordination. In the event that the interagency liaisons cannot resolve the issues which arise, for coordination agreements also identify the individuals to contact for resolution. Should the next level designees be unable to resolve the issues at hand, or bring about compliance with the terms of the coordination agreement, service delivery areas having the following procedures with which to pursue a solution to the situation:

- 1) Contact the central office of the state agency, including the Illinois Department on Aging with respect to the AAAs and the Illinois State Board of Education with respect to educational institutions, where compliance to the terms of the coordination agreement is not taking place and indicate both the problem area(s) and the desired solution. If the central office of the state agency concurs with the service delivery area, it can initiate whatever action is appropriate to resolve the identified problem. The service delivery area entity should allow the state agency sufficient time to investigate the situation from the local office point of view, if applicable. If no resolution has been reached, or progress toward that end made within 15 working days, the SDA can initiate "Step 2".
- 2) The SDA contacts the Chairperson or staff to the Coordination Committee of the Illinois Job Training Coordinating Council and explains its perception of the problem(s) encountered in obtaining compliance with the terms of the coordination agreement. A summary of the efforts to resolve the situation with the central office of the state agency shall be forwarded with any other relevant documentation to the Coordination Committee staff.
- 3) The staff to the Coordination Committee shall investigate the circumstances and then set up a meeting between the two disagreeing agents and the Chairperson of the Coordination

NOTICE OF PROPOSED AMENDMENTS

Committee or designee and attempt to resolve the problem(s) within 10 working days following receipt of the documentation from the SDA.

- 4) If no resolution is reached at the meeting among the Coordination Committee Chair or his/her designee, the SDA and the state agency, a summary of the problem(s) and the efforts made to reach resolution shall be forwarded to the Coordination Committee in its regular mailings of meeting materials. The Coordination Committee shall review the facts and recommend a solution to the state agency and SDA at its next regularly scheduled meeting. The recommendation of the Coordination Committee shall be forwarded, in writing, to the SDA entity, the PIC, the Local Elected Officials (LEOs) and central office of the state agency within 5 working days following the meeting. If either party disagrees with the recommendation, it may appeal the decision to the Illinois Job Training Coordinating Council.
- 5) The IJTCC will, at its next regularly scheduled meeting following the appeal request, review all facts and allow further discussion of the outstanding issues. The IJTCC will make recommendations on the solution and forward same, in writing to the affected state agency, the Private Industry Council, the local elected official, the SDA entity and the Governor within 5 working days after the Council meeting where a decision was reached.

FAILURE TO COMPLY WITH COORDINATION AGREEMENT TERMS
STATE AGENCIES

The State Agency, educational institution and AAA/SDA Ecoordination Agreements specify interagency liaisons who will be the primary contacts between the coordinating agents for purposes of coordination. In the event that the interagency liaisons cannot resolve the issues which arise, the coordination agreements also identify the individuals to contact for resolution. Should the next level designees be unable to resolve the issues at hand, or bring about compliance with the terms of the coordination agreement, the central office of the state agency, including the Illinois Department on Aging with respect to the AAAs and the Illinois State Board of Education with respect to educational institutions, should be contacted to attempt to resolve the situation. If this fails, the state agencies/AAA/educational institutions have the following procedures with which to pursue a solution to the situation:

- 1) Contact the Private Industry Council and the local elected officials of the SDA where compliance to the terms of the coordination agreement is not taking place and indicate both the problem area(s) and the desired solution. If the Private Industry Council and local elected officials concur with the

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

state agency, it will initiate whatever action is appropriate to resolve the identified problem. The state agency will allow the local partnership sufficient time to investigate the situation from the SDA point of view. If no resolution has been reached, or progress toward that end made within 15 working days, the state agency can initiate "Step 2".

2) The state agency contacts the Chairperson or staff to the Coordination Committee and explains its perception of the problem(s) encountered in obtaining compliance with the terms of the coordination agreement. A summary of the efforts to resolve the situation with the SDA and the Private Industry Council and local elected officials shall be forwarded with any other relevant documentation to the Coordination Committee staff.

3) The staff to the Coordination Committee shall investigate the circumstances and then set up a meeting between the two disagreeing agents and the Chairperson of the Coordination Committee or designee and attempt to resolve the problem(s) within 10 working days following receipt of the documentation from the state agency.

4) If no resolution is reached at the meeting among the Coordination Committee Chair or his/her designee, the SDA and the state agency, a summary of the problem(s) and the efforts made to reach resolution, shall be forwarded to the Coordination Committee in its regular mailing of meeting materials. The Coordination Committee shall review the facts and recommend a solution to the state agency and SDA at its next regularly scheduled meeting. The recommendation of the Coordination Committee shall be forwarded, in writing, to the SDA entity, the PIC, the LEOs, and central office of the state agency within 5 working days following the meeting. If either party disagrees with the recommendation, it may appeal the decision to the Illinois Job Training Coordinating Council.

5) The IJTCC will, at its next regularly scheduled meeting following the appeal request, review all facts and allow further discussion of the outstanding issues. The IJTCC will make recommendations on the solution and forward same in writing to the affected state agency, the Private Industry Council, the local elected officials, the SDA entity and the Governor within 5 working days after the Council meeting where a decision was reached.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Section 2610, Appendix B

Memorandums of Understanding (Instructions: Worksheet-for-Adjusting-Follow-Up-Performance Measures-for-Non-Response-Bias-(Repeated))

Illustration A Memorandum of Understanding Between the JTPA Service Delivery Area and the Department of Children and Family Services

I. PURPOSE AND SCOPE

The purpose of the memorandum of understanding is to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum of understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services between the SDA, regional and local offices of DCFS, and community-based organizations who provide youth services under contract with DCFS.

II. EXCHANGE OF INFORMATION

The parties to this memorandum are committed to strict standards of confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agencies' confidentiality policies as well as all laws on confidentiality.

The parties to this memorandum will appoint an individual to serve as interagency liaison to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an addendum to this memorandum of understanding.

The SDA and the Department of Children and Family Services' regional and local offices, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to: a schedule of meetings of advisory bodies/private industry councils, copies of job training plans, grant applications or other funding requests, program descriptions, funding sources and amounts, targeted participants (if any), and timeframes for program enrollments/operations. A discussion of information which will be exchanged and the procedures to be used in exchanging such information will be developed and attached as an addendum to this memorandum.

III. REFERRALS

The Illinois Department of Children and Family Services will meet with appropriate representatives of the Illinois Department of Employment Security and the SDA to discuss and negotiate referral arrangements for DCFS youth to access the JTPA system. Included in the negotiations

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

will be a discussion of: a) the role of DCFS subcontractors in making referrals directly to the JTPA system; b) the role of IDES in making referrals of DCFS youth to the JTPA system; and c) how and from whom DCFS will receive information regarding the status of youth referrals. A description of the procedures which will be used to ensure that DCFS youth are referred and otherwise have access to the JTPA system will be attached to this memorandum as an addendum.

IV. ADMINISTRATIVE

Parties to this memorandum and their administrative entities are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, regulations dealing with Civil Rights, Affirmative Action, Handicapped, and employment practices.

This memorandum of understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time by written communication, dated and signed by the Chairperson of the Private Industry Council or his/her designee or the respective DCFS Regional Administrator.

JTPA SIGNATOR:

As Designated By the Private Industry Council (PIC) and Local Elected Officials

DATE: _____

DCFS SIGNATOR:

Youth Services Coordinator

Regional Administrator

DATE: _____

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Section 2610. Appendix B Memorandums of Understanding
Illustration B Memorandum of Understanding Between the JTPA Substate Grantee and the Area Agencies on Aging or Other Not-For-Profit Agency Administering Title V of the Older Americans Act

I. PURPOSE AND SCOPE

The purpose of the memorandum of understanding is to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum of understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services.

II. EXCHANGE OF INFORMATION

The parties to this memorandum are committed to strict standards of confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agency's confidentiality policies as well as all laws on confidentiality.

The parties to this memorandum will appoint an individual to serve as interagency liaisons to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an addendum to this memorandum of understanding.

The SSA and the Area Agency on Aging, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to: a schedule of meetings of advisory bodies/private industry councils, copies of job training plans, grant applications or other funding requests, program descriptions, funding sources and amounts, targeted participants (if any), and timeframes for program enrollments/operations. A discussion of information which will be exchanged and the procedures to be used in exchanging such information on an ongoing basis as well as in the event of a mass layoff or plant closing will be developed and attached as an addendum to this memorandum.

III. REFERRALS

Referrals and information exchange forms may be developed if not already in place. All such documents will be attached to this memorandum.

A referral system, formal or informal, has been developed by the parties of this agreement and a description or outline of such system

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

will be attached as an addendum to this memorandum.

IV. ADMINISTRATIVE

Parties to this memorandum and their administrative entities are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, regulations dealing with Civil Rights, Affirmative Action, Handicapped, and employment practices.

This memorandum of understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time by written communication, dated and signed by the Substate Grantee or the Director, or other person designated by the Area Agency on Aging.

JTPA SSA SIGNATOR:

SSA Grantee

DATE:

AAA SIGNATOR:

Director of Area Agency on Aging

DATE:

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Section 2610. Appendix B Memorandums of Understanding
Illustration C Memorandum of Understanding Between the JTPA Title II and III
and the Displaced Homemaker Program

I. PURPOSE AND SCOPE

The purpose of the memorandum of understanding is to facilitate and maintain an interagency system for the coordinating of services to mutual clients. This memorandum of understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services.

II. EXCHANGE OF INFORMATION

The parties to this memorandum are committed to strict standards of confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agency's confidentiality policies as well as all laws on confidentiality.

The parties to this memorandum will appoint an individual to serve as interagency liaisons to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an addendum to this memorandum of understanding.

The SDA, SSA and the Displaced Homemaker Program, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to: a schedule of meetings of advisory bodies/private industry councils, copies of job training plans, grant applications or other funding requests, program descriptions, funding sources and amounts, targeted participants (if any), and timeframes for program enrollments/operations. A discussion of information which will be exchanged and the procedures to be used in exchanging such information will be developed and attached as an addendum to this memorandum.

III. REFERRALS

Referrals and information exchange forms may be developed if not already in place. All such documents will be attached as an addendum to this memorandum.

A referral system, formal or informal, has been developed by the parties of this agreement and a description or outline of such system will be attached as an addendum to this memorandum.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

All such referral documents and an outline or description of the referral system will become the formal operating referral procedure between the two cooperating parties to this memorandum.

IV. ADMINISTRATIVE

Parties to this memorandum and their administrative entities are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, regulations dealing with Civil Rights, Affirmative Action, Handicapped, and employment practices.

This memorandum of understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time by written communication dated and signed by the Substate Grantee or the Director, or other person designated by the Displaced Homemaker Center.

Title II JTPA SIGNATOR:DATE:SAA GRANTEE:Substate GranteeDATE:DHP SIGNATOR:Displaced Homemaker Center DirectorDATE:

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Section 2610. Appendix B Memorandums of Understanding
Memorandum of Understanding Between the JTPA Substate Grantee
and the Illinois Department of Rehabilitation Services

I. PURPOSE AND SCOPE

The purpose of the memorandum of understanding is to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum of understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services.

II. EXCHANGE OF INFORMATION

The parties to this memorandum are committed to strict standards of confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agency's confidentiality policies as well as all laws on confidentiality.

The parties to this memorandum will appoint an individual to serve as interagency liaisons to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an addendum to this memorandum of understanding.

The SSA and the Illinois Department of Rehabilitation Services, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to: a schedule of meetings of advisory bodies/private industry councils, copies of job training plans, grant applications or other funding requests, program descriptions, funding sources and amounts, targeted participants (if any), and timeframes for program enrollments/operations. A discussion of information which will be exchanged, and the procedures to be used in exchanging such information on an ongoing basis, as well as in the event of a mass layoff or plant closing, will be developed and attached as an addendum to this memorandum.

III. REFERRALS

Referrals and information exchange forms may be developed if not already in place. All such documents will be attached as an addendum to this memorandum.

A referral system, formal or informal, has been developed by the parties of this agreement, and a description or outline of such system, will be attached as an addendum to this memorandum.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

All such referral documents and an outline or description of the referral system will become the formal operating referral procedure between the two cooperating parties to this memorandum.

IV. ADMINISTRATIVE

Parties to this memorandum and their administrative entities are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, regulations dealing with Civil Rights, Affirmative Action, Handicapped, and employment practices.

This memorandum of understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time by written communication, dated and signed by the Substate Grantee or the Director, or other person designated by the Illinois Department of Rehabilitation Services.

JTPA SIGNATOR: _____

Substate Grantee _____

DATE: _____

IDORS SIGNATOR: _____

Rehabilitation Services Supervisor _____

DATE: _____

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

Section 2610, Appendix B Memorandums of Understanding
Illustration E Memorandum of Understanding Between the JTPA Substate Grantee
and the Illinois Department of Public Aid/Project Chance

I. PURPOSE AND SCOPE

The purpose of the memorandum of understanding is to facilitate and maintain an interagency system for the coordination of services to mutual clients. This memorandum of understanding is a non-financial commitment to provide for the coordination of such services through provision for the mutual exchange of information and the referral of eligible individuals to appropriate employment and training programs and supportive services.

II. EXCHANGE OF INFORMATION

The parties to this memorandum are committed to strict standards of confidentiality with regard to interagency communication concerning mutual clients and will respect and observe either agency's confidentiality policies as well as all laws on confidentiality.

The parties to this memorandum will appoint an individual to serve as interagency liaisons to facilitate coordination and the sharing of information. The designated interagency liaisons shall be identified in an addendum to this memorandum of understanding.

The SSA and the Illinois Department of Public Aid, in an effort to better understand each other's operation, will exchange program information on a regular basis. Information to be exchanged includes, but is not limited to: a schedule of meetings of advisory bodies/private industry councils, copies of job training plans, grant applications or other funding requests, program descriptions, funding sources and amounts, targeted participants (if any), and timeframes for program enrollments/operations. A discussion of information which will be exchanged, and the procedures to be used in exchanging such information on an ongoing basis, as well as in the event of a mass layoff or plant closing, will be developed and attached as an addendum to this memorandum.

III. REFERRALS

Referrals and information exchange forms may be developed if not already in place. All such documents will be attached as an addendum to this memorandum.

A referral system, formal or informal, has been developed by the parties of this agreement and a description or outline of such system will be attached as an addendum to this memorandum.

DEPARTMENT OF COMMERCE AND COMMUNITY AFFAIRS

NOTICE OF PROPOSED AMENDMENTS

All such referral documents and an outline or description of the referral system will become the formal operating referral procedure between the two cooperating parties to this memorandum.

IV. ADMINISTRATIVE

Parties to this memorandum and their administrative entities are committed to compliance with provisions of the Civil Rights Acts of 1964 and 1966, Section 504 of the Rehabilitation Act, the Fair Employment Practices Act, and all other applicable or appropriate laws, rules, regulations dealing with Civil Rights, Affirmative Action, Handicapped, and employment practices.

This memorandum of understanding is a statement of commitment by each party. Amendments to provisions may be made by mutual consent. Both parties will participate in an annual evaluation of the provisions of this memorandum. This memorandum may be withdrawn at any time by written communication, dated and signed by the Substate Grantee or the Director, or other person designated by the Department of Public Aid.

SSA SIGNATOR: _____

SSA Grantee _____

DATE: _____

IDPA SIGNATOR: _____

Project Chance Supervisor(s) _____

DATE: _____

DPA Local Office Administrator _____

DATE: _____

DPA Director _____

DATE: _____

(Source: Added at 14 Ill. Reg. _____, effective _____)

ILLINOIS REGISTER

ILLINOIS COMMERCE COMMISSION
NOTICE OF PROPOSED AMENDMENT1) Heading of the Part: Transfers of Licenses2) Code Citation: 92 Ill. Adm. Code 12703) Section Numbers: 1270.200
Proposed Action: New Section4) Statutory Authority: Implementing Sections 18c-4301 and 18c-4306 and authorized by Section 18c-1202(9) of the Illinois Commercial Transportation Law (Ill. Rev. Stat. 1989, Ch. 95 1/2, pars. 18c-4301, 18c-4306, and 18c-1202(9)).5) A Complete Description of the Subjects and Issues Involved: This proposal for rulemaking stems from the decision of the Seventh Circuit Court of Appeals in the case of *Leaseway Transportation Corp. v. Bushnell*, 888 F.2d 1212. In that case the Court ruled that when the Interstate Commerce Commission approves or exempts the transfer of interstate authority from one company to another, 49 U.S.C 11341 preempts this Commission's jurisdiction over transfers of any intrastate authority which the transferring company also holds.

The proposed rule provides that the Commission would recognize the transfer of intrastate licenses in transactions approved or exempted by the Interstate Commerce Commission, but that the licenses will not be effective unless and until the transferees notify the Commission of the details, and pay the appropriate filing fee (\$600). In this way the Commission will be able to retain some control over its licenses. The Court in *Leaseway* recognized this residual right when it said that "the Illinois Commerce Commission may not act as a 'gate-keeper' handing down prior approval of leaseway's acquisitions, but it may certainly impose filing or notice requirements...."

6) Will this proposed amendment replace an emergency amendment currently in effect? No.7) Does this rulemaking contain an automatic repeal date? No.8) Does this proposed amendment contain incorporations by reference? No.

ILLINOIS COMMERCE COMMISSION
NOTICE OF PROPOSED AMENDMENT

- 9) Are there any other proposed amendments pending on this Part? No.
- 10) Statement of Statewide Policy Objectives? This proposed amendment neither creates nor expands any state mandate on units of local government, school districts, or community college districts.
- 11) Time, Place and Manner in which interested persons may comment on this proposed rulemaking:
Any person who plans to submit comments should file a notice of intent thereof, within 21 days of the date of this issue of the Illinois Register with:

Kathy Campbell Lynch
Illinois Commerce Commission
527 East Capitol Avenue
Springfield, IL 62794

Comments should be filed within 45 days of the date of this issue of the Illinois Register.
- 12) Initial Regulatory Flexibility Analysis:
- A) Date amendment was submitted to Business Assistance Office of the Department of Commerce and Community Affairs: September 19, 1990.
- B) Types of small businesses affected: This amendment will affect those carriers that are also small businesses as defined in the Illinois Administrative Procedure Act.
- C) Reporting, bookkeeping or other procedures required for compliance: None.
- D) Types of professional skills necessary for compliance: None.

The full text of Proposed Amendment begins on the next page:

ILLINOIS COMMERCE COMMISSION
NOTICE OF PROPOSED AMENDMENT

TITLE 92: TRANSPORTATION
CHAPTER III: ILLINOIS COMMERCE COMMISSION
SUBCHAPTER a: COMMERCIAL TRANSPORTATION GENERALLY

PART 1270
TRANSFERS OF LICENSES

SUBPART A: EXPEDITED (NON-HEARING) TRANSFERS

Section
1270.10

1270.20
1270.30
1270.40
1270.50

Procedures for Review of Expedited Transfer Applications
Transfers Involving Immediate Family
Transfers from One Corporation to a Related Corporation
Expedited Transfers Generally
Forms

SUBPART B: OPERATIONS BY FIDUCIARIES PENDING TRANSFER

Section
1270.100
1270.110
1270.120

Authority of Fiduciary to Continue Operations
Authority Does Not Extend to Transfers by Fiduciary
Required Filings by Fiduciary

SUBPART C: TRANSFERS NOT SUBJECT TO COMMISSION APPROVAL

Section
1270.200

Transfers Not Subject to Commission Approval

AUTHORITY: Implementing Sections 18c-4301 and 18c-4306 and authorized by Section 18c-1202(9) of the Illinois Commercial Transportation Law (Ill. Rev. Stat. 1985, ch. 95 1/2, pars. 18c-4301, 18c-4306, and 18c-1202(9)).

SOURCE: Adopted at 11 Ill. Reg. 17776, effective October 15, 1987; amended at 14 Ill. Reg. _____, effective _____.

SUBPART C: TRANSFERS NOT SUBJECT TO COMMISSION APPROVAL

Section 1270.200 Transfers Not Subject to Commission Approval

- (a) If a merger, acquisition of control, or other transaction which is authorized pursuant to 49 U.S.C. 11343 involves one or more motor carriers of property licensed by the Commission, such transaction shall be recognized by the Commission subject to the provisions of subsection (b) of this Section.

ILLINOIS COMMERCE COMMISSION

NOTICE OF PROPOSED AMENDMENT

- (b) No license transferred by operation of 49 U.S.C. 11341 shall be effective for any purpose unless and until the person to whom the license is being transferred notifies the Commission of such transfer. Notification shall be accomplished by completing and filing the forms obtained from the Commission for such purpose, along with a filing fee, which shall be equal to the fee established by Section 1205.10(a)(3)(B) of this Part for applications to transfer licenses.

(Source: Added at 14 Ill. Reg. , effective)

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 1) HEADING OF THE PART: Falconry and the Captive Propagation of Raptors
- 2) CODE CITATION: 17 Ill. Adm. Code 1590
- 3) SECTION NUMBERS:
 1590.50 Amendments
 1590.80 Amendments
 1590.90 Amendments
- PROPOSED ACTION:
- 4) STATUTORY AUTHORITY: Implementing and authorized by Sections 1.3, 1.4, 2.1, 2.2, 2.4, 2.6, 2.7, 2.13, 2.18, 2.20, 2.27, 2.28, 2.29, 2.30, 3.5 and 3.36 of the Wildlife Code (Ill. Rev. Stat. 1989, ch. 61, pars. 1.3, 1.4, 2.1, 2.2, 2.4, 2.6, 2.7, 2.13, 2.18, 2.20, 2.27, 2.28, 2.29, 2.30, 3.5 and 3.36) and Section 335 of the Illinois Endangered Species Protection Act (Ill. Rev. Stat. 1989, ch. 8, par. 335).
- 5) A COMPLETE DESCRIPTION OF THE SUBJECTS AND ISSUED INVOLVED:
 Senate Bill 2119 made changes to statutes which need to be reflected in this Part. The Part is also being amended to increase conformity with Federal Regulations pertaining to falconry.
- 6) WILL THIS PROPOSED RULE REPLACE AN EMERGENCY RULE CURRENTLY IN EFFECT? No
- 7) DOES THIS RULEMAKING CONTAIN AN AUTOMATIC REPEAL DATE? No
- 8) DOES THIS PROPOSED RULE CONTAIN INCORPORATIONS BY REFERENCE?
 No
- 9) ARE THERE ANY OTHER PROPOSED AMENDMENTS PENDING ON THIS PART?
 No
- 10) STATEMENT OF STATEWIDE POLICY OBJECTIVES: This rule has no impact on local governments.
- 11) TIME, PLACE AND MANNER IN WHICH INTERESTED PERSONS MAY COMMENT ON THIS PROPOSED RULEMAKING: Comments on the proposed rule may be submitted in writing for a period of 30 days following publication of this notice to:

Jack Price
 Department of Conservation
 524 S. Second Street, Room 485
 Springfield, IL 62701-1787

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 12) INITIAL REGULATORY FLEXIBILITY ANALYSIS: This rule has no impact on small businesses or municipalities.

THE FULL TEXT OF THE PROPOSED AMENDMENTS BEGINS ON THE NEXT PAGE:

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

TITLE 17: CONSERVATION
CHAPTER I: DEPARTMENT OF CONSERVATION
SUBCHAPTER d: FORESTRY

PART 1590

FALCONRY AND THE CAPTIVE PROPAGATION OF RAPTORS

Section
1590.10
1590.20
1590.30
1590.40
1590.50
1590.60
1590.70
1590.80
1590.90
1590.100
1590.110
1590.120
1590.130
APPENDIX A

Establishment of Rules and Regulations
Definitions for the Purpose of these Regulations
Provisions of Rules and Regulations (Repealed)
Violation of Rules (Repealed)
Permit and License Requirements
Examination and Application Procedures
Inspection of Facilities and Equipment
Falconry Permits - Class and Types
Capturing of Raptors - Regulations
Transfer, Temporary Care and Reporting Requirements
Hunting Seasons for Falconers
Special Provisions
Violation of Rules
Migratory Bird Acquisition and Disposition Report

AUTHORITY: Implementing and authorized by Sections 1.3, 1.4, 2.1, 2.2, 2.4, 2.6, 2.7, 2.13, 2.18, 2.20, 2.27, 2.28, 2.29, 2.30, 3.5 and 3.36 of the Wildlife Code (Ill. Rev. Stat. 1989, ch. 61, pars. 1.3, 1.4, 2.1, 2.2, 2.4, 2.6, 2.7, 2.13, 2.18, 2.20, 2.27, 2.28, 2.29, 2.30, 3.5 and 3.36) and Section 335 of the Illinois Endangered Species Protection Act (Ill. Rev. Stat. 1989, ch. 8, par. 335).

SOURCE: Amendment filed November 17, 1977; effective January 1, 1978; emergency amendment at 5 Ill. Reg. 9161, effective September 1, 1981, for a maximum of 150 days; amended at 6 Ill. Reg. 6207, effective May 14, 1982; amended at 10 Ill. Reg. 16627, effective September 24, 1986; amended at 11 Ill. Reg. 11350, effective June 9, 1987; amended at 12 Ill. Reg. 12807, effective July 26, 1988; amended at 13 Ill. Reg. 10567, effective June 16, 1989; amended at 14 Ill. Reg. 6088, effective April 17, 1990; amended at 14 Ill. Reg. _____, effective _____.

Section 1590.50 Permit and License Requirements

- a) It shall be unlawful for any person to take, possess, or transport any raptor for falconry purposes or practice falconry in Illinois unless a valid falconry permit has been issued pursuant to these regulations or issued by another State in accordance with federal regulations (50

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

CFR 21, effective September 14, 1989) (no incorporation in this Part includes later amendments or editions).

- 1) Residents - Illinois residents may hold raptors in captivity only under a falconry permit issued by the Department and Fish and Wildlife Service.

A) The initial fee for an Illinois Falconry Permit shall be ~~thirty (\$30) dollars and must be renewed annually for a fee of thirty (\$30) dollars~~ seventy-five (\$75) dollars for three years and must be renewed every three years for a fee of seventy-five (\$75) dollars if raptors are to be possessed or held beyond the permit expiration date.

B) All applicants must be at least ~~18~~ 14 years of age.

- 2) Non-Residents - Federally licensed non-resident falconers may transport and possess properly marked raptors in Illinois for falconry purposes on a temporary basis not to exceed 30 days. Written authorization from the Department is required in advance if any such raptor is to be brought into Illinois in excess of 30 days. While in Illinois, all non-residents shall comply with all applicable provisions of this Part and obtain the appropriate hunting licenses, stamps, or permits as may be required under Illinois law.

- b) The falconry permit or a copy must be in the possession of the holder when engaged in falconry activity.

- c) No person shall transfer the falconry permit or unused markers or allow the use thereof by any other persons, nor shall any person while engaged in falconry, use or carry any permit or marker issued to another.

- d) Nothing in this Section shall prohibit a falconry permittee in possession of a letter of authorization from using the raptor of another permittee for falconry purposes on a temporary basis not to exceed 30 days.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 1590.80 Falconry Permits - Class and Types

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- a) ~~Apprentice Class. Regardless of age, a new Illinois apprentice apprentice class permittee shall be at least 14 years of age. New applicants must serve an apprenticeship under a general or master class permittee for at least two consecutive years and may possess only one raptor - either a red-tailed hawk, kestrel or red-shouldered hawk obtained from out of state or from another falconer. An apprentice is limited to one replacement raptor per year. Sponsors may not have more than three apprentices. An applicant may be exempted from this requirement if the applicant has proof of at least two years of licensed experience in the care of raptors and hunting and trapping techniques and approval is granted by the Department.~~

- b) ~~General Class. After two years of licensed experience and upon written approval by the Department, the apprentice class permittees who are at least 18 years of age shall become a general class permittee. A general class permittee shall possess no more than two raptors, and may not obtain more than one replacement raptor per year. A general class permittee shall not take, transport, or possess any species or subspecies listed as endangered or threatened by the U.S. Fish and Wildlife Service (50 CFR 17, effective September 14, 1989) (no incorporation in this Part includes later amendments or conditions) and the Illinois Endangered Species Protection Board (17 Ill. Adm. Code 1010).~~

- c) ~~Master Class. After five years experience at the general class level, a permittee shall become a master class permittee. A master class permittee shall possess no more than three raptors, and may not obtain more than two replacement raptors per year. A master class licensee shall not take, transport, or possess any species or subspecies listed as endangered by the U.S. Fish and Wildlife Service or the Illinois Endangered Species Protection Board. A master class licensee shall not take, transport, or possess as part of the three bird limit more than one raptor listed as threatened by the U.S. Fish and Wildlife Service and then only in accordance with prior written approval by the Department and the U.S. Fish and Wildlife Service (50 CFR 17, effective September 14, 1989). (No incorporation in this part includes later amendments or additions). Only master class licenses may possess golden eagles under guidelines set forth by the U.S. Fish and Wildlife~~

ILLINOIS REGISTER

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

Service (50 CFR 22.24, effective December 29, 1983). (No incorporation in this Part includes later amendments or additions).

1) Bald eagles, ~~golden-eagles~~, ospreys, all owls except the great-horned owl, species or subspecies prohibited by Section 2.4 of the Wildlife Code (Ill. Rev. Stat. ~~1987~~1989, ch. 61, par. 2.4) and any species or subspecies considered endangered (or restricted due to a similarly-appearing status) by the U.S. Fish and Wildlife Service may not be used or possessed for falconry in Illinois. Use of threatened species shall be in compliance with federal regulations (50 CFR 17, effective September 14, 1989).

2) Any raptor listed as endangered or threatened by the Illinois Endangered Species Protection Board (17 Ill. Adm. Code 1010) and not by the U.S. Fish and Wildlife Service (50 CFR 17, effective September 14, 1989) may not be captured in Illinois for falconry purposes. This prohibition shall not prevent a licensee from legally obtaining a bird in another state or country and bringing that bird into Illinois provided the applicable permits are obtained.

d) Captive Propagation. Raptors held for captive propagation purposes may be held only under permits from both the U.S. Fish and Wildlife Service and the Department. ~~The fee for a captive propagation permit is thirty (\$30) dollars per year and must be renewed annually. The initial fee for a captive propagation permit is seventy-five (\$75) dollars for three years and must be renewed every three years if raptors are to be possessed or held beyond the permit expiration date. A holder of an Illinois captive propagation permit must also be a holder of an Illinois falconry permit. An Illinois captive propagation permit holder may transfer birds held under the authority of the propagation permit to a falconry permittee provided the permittee meets Federal and Department requirements for receiving and holding such birds pursuant to federal regulations (50 CFR 21.27, effective September 14, 1989). Nothing in this Part shall prevent a permittee from holding individual birds under the authority of both the falconry permit and the captive propagation permit at the same time within the numerical limits for the falconry permit.~~

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 1) Raptors shall not be cross-bred (hybridization) unless specific authorization is granted by the Department.
 - 2) Raptors may be loaned for breeding purposes in accordance with Section 1590.100 of this Part.
 - 3) Markers shall be placed on all captive-produced raptors as directed by the Department or the U.S. Fish and Wildlife Service (50 CFR 21, effective September 14, 1989).
- e) The Department shall issue special use permits in accordance with 17 Ill. Adm. Code 520.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 1590.90 Capturing of Raptors - Regulations

a) A permittee in possession of a valid "Capture Permit" may capture raptors of a non-prohibited species or subspecies. The capture season for immature raptors capable of flight (passage) and adult (haggard) kestrels and great horned owls shall be between September 1 and January 31; the capture or taking of any young bird in Illinois not yet capable of flight (eyas) is limited to general and master class permittees during the first, second, third and fourth Saturdays in March and from May 20 to June 11. When eyasses are captured, at least one eyas shall be left in the nest. No permittee may capture any raptor without an appropriate permit from the Department to do so. The Department shall determine eligibility by compliance with the provisions of this Part. The fee for a raptor capture permit for a resident of the State of Illinois is thirty (\$30) dollars per year. The fee for a non-resident raptor capture permit is ~~one hundred-fifty (\$150)~~ fifty (\$50) dollars per year. The Department will authorize up to 250 "Capture Permits" annually. Requests for capture permits in excess of 250 will be considered first in following years. All raptors shall be captured in a humane manner.

- 1) The marker must be attached to the raptor immediately upon acquisition, and written notification provided to the Department within five days of capture as determined by the postmark.

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 2) Markers shall not be altered, counterfeited, or defaced.
- 3) Permit holders capturing any previously marked raptor(s) shall immediately report such trapping to the Department or the previous owner.
- b) Species or sub-species not prohibited, may be imported into Illinois after obtaining a permit from the Department; this permit will be issued only after receipt by the Department of a letter of authorization or permit from the authorized agency in charge of the location from where the raptor is to be obtained.
- c) Raptors taken under a depredation (or special purpose) permit may be used for falconry by general or master falconers in compliance with federal regulations (50 CFR 21, effective September 14, 1989). (No incorporation in this Part includes later amendments or additions).

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 1) HEADING OF THE PART: North Point Marina
- 2) CODE CITATION: 17 Ill. Adm. Code 220
- 3) SECTION NUMBERS:

220.20	Amendments
220.30	Amendments
220.40	Amendments
220.50	Amendments
220.60	Amendments
220.70	Amendments
- 4) STATUTORY AUTHORITY: Implementing and authorized by Sections 1 and 4 of "AN ACT in relation to the acquisition, control, maintenance, improvement and protection of State Parks" (Ill. Rev. Stat. 1989, ch. 105, pars. 465 and 468) and by Sections 63a5, 63a15, 63a21 and 63a21.1 of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 63a5, 63a15, 63a21 and 63a21.1).
- 5) A COMPLETE DESCRIPTION OF THE SUBJECTS AND ISSUED INVOLVED: Language changes include requiring cleaning of dock boxes at end of season; removing name from list if refused slip twice; limiting our ability to reassign boats during boat show; allowing for discount to slip-holder for hot slipping; no charcoal fires on boats, etc.
- 6) WILL THIS PROPOSED RULE REPLACE AN EMERGENCY RULE CURRENTLY IN EFFECT? No
- 7) DOES THIS RULEMAKING CONTAIN AN AUTOMATIC REPEAL DATE? No
- 8) DOES THIS PROPOSED RULE CONTAIN INCORPORATIONS BY REFERENCE? No
- 9) ARE THERE ANY OTHER PROPOSED AMENDMENTS PENDING ON THIS PART? No
- 10) STATEMENT OF STATEWIDE POLICY OBJECTIVES: This rule has no impact on local governments.
- 11) TIME, PLACE AND MANNER IN WHICH INTERESTED PERSONS MAY COMMENT ON THIS PROPOSED RULEMAKING: Comments on the proposed rule may be submitted in writing for a period of 30 days following publication of this notice to:

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

Jack Price
Department of Conservation
524 S. Second Street, Room 485
Springfield, IL 62701-1787

- 12) INITIAL REGULATORY FLEXIBILITY ANALYSIS: This rule has no impact on small businesses or municipalities.

THE FULL TEXT OF THE PROPOSED AMENDMENTS BEGINS ON THE NEXT PAGE:

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

TITLE 17: CONSERVATION
CHAPTER I: DEPARTMENT OF CONSERVATION
SUBCHAPTER a: LANDS AND HISTORIC SITES

PART 220
NORTH POINT MARINA

Section
220.10 Application and Scope
220.20 Compliance
220.30 Marina Slip Acquisition
220.40 Slip Use
220.50 Vessel Condition and Movement
220.60 Fees and Charges
220.70 Other Regulations
220.80 Emergency Boarding of Vessels
220.90 Waiver of Claims

AUTHORITY: Implementing and authorized by Sections 1 and 4 of "AN ACT in relation to the acquisition, control, maintenance, improvement and protection of State Parks" (Ill. Rev. Stat. 1989, ch. 105, pars. 465 and 468) and by Sections 63a5, 63a15, 63a21 and 63a21.1 of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, pars. 63a5, 63a15, 63a21 and 63a21.1).

SOURCE: Adopted at 13 Ill. Reg. 9269, effective June 6, 1989; amended at 14 Ill. Reg. _____, effective _____.

Section 220.20 Compliance

Based upon the nature of the violation (see Section 220.30(a)(10)(A)), failure to comply with this Part may result in cancellation of the slip permit, in addition to the penalty prescribed by Section 6 of "AN ACT in relation to the acquisition, control, maintenance, improvement and protection of State Parks" (Ill. Rev. Stat. 1987-1989, ch. 105, par. 468b).

(Source: Amended at 14 Ill. Reg. _____, effective _____.)

Section 220.30 Marina Slip Acquisition

- a) Permit Conditions and Procedures

- 1) All vessels assigned slips must be registered in Illinois in accordance with the "Boat Registration and

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

Safety Act" (Ill. Rev. Stat. 1989, ch. 95 1/2, par. 311-1 et seq.).

- 2) No permit will be granted in the name of an organization. Permittee must be an individual, and evidence of Permittee ownership (full or partial) or control of the vessel must be presented to the Marina Administrative Office (M.A.O.). Evidence of permittee ownership or control shall be:

A) Title or Registration:

B) Bill of Sale or Sales Contract; or

C) Lease Agreement.

- 3) No permit will be granted until the Permittee demonstrates proof of liability insurance to cover damage to the Marina, other boats or boat owners.
- 4) Permit fees will be based upon the length of the vessel and lease status (seasonal or temporary). See Section 220.60 (Fees and Charges).

- 5) Slip applications will be accepted on a "first-come, first-served" basis pursuant to position on the Applications Wait List administered by the M.A.O. A deposit must accompany the application. See Section 220.60 (Fees and Charges).

- 6) Slip renters must accept the first slip offered, regardless of location. Refusal to accept the first slip offered will result in the applicant's name being moved to the bottom of the list. A refusal to accept the offered slip the following season shall result in the applicant's name being removed from the list and the applicant's deposit shall be forfeited to the Department.

- 7) Slip transfers may be requested by slip holders only. Such requests will be maintained and serviced pursuant to a Slip Transfer Wait List administered by the M.A.O. Requests for slip transfers will be given priority over slip applications from non-tenants as slips become available.

- 8) All ~~slip-permits~~ Harbor Occupancy Agreements will be non-transferable and may not be leased or

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

transferred to any other individual.

- 9) The Department of Conservation (Department) shall have the right to temporarily re-assign slip spaces and to move or cause to be moved any vessel so re-assigned. A Permittee, by applying for and accepting the use of a slip shall be deemed to have consented to the temporary re-assignment and movement of his or her vessel to another slip for the proper operation, maintenance, and repair of the North Point Marina; or for the convenience of the Department while making repairs or improvements ~~for a special event such as a boat show (Recreational Basin only); and in the case of an emergency (See Section 220.80). Permittee further consents to the movement of his or her vessel by Departmental personnel. If, after notice to move the vessel is given by the Department, Permittee fails to comply with such notice, neither the Department nor any of its officials or employees shall be liable to and a Permittee waives all claims for damage to persons and property sustained by a Permittee resulting from the movement of his or her vessel.~~

10) Cancellation Provisions

- A) By the Department: The Department shall cancel and terminate any permit, upon ten (10) days written notice to the Permittee for the Permittee's failure or refusal to comply with the provisions of the permit, such as nonpayment of slip fees; criminal violations which endanger life or property; or repeated violations (3 or more in one season) of this Part or 17 Ill. Adm. Code 110. The Permittee shall not be due any refund of slip fees paid.
- B) By Permittee: The Permittee shall give the Marina office ~~thirty (30) days~~ written notice of intent to vacate. The Permittee shall not be due any refund of slip fees paid.
- C) Removal of Vessel upon Cancellation of Permit: If Permittee shall fail or refuse to remove his or her vessel from a slip or end tie by the date of cancellation of his or her permit, the Department will order and cause the vessel to

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

be removed and stored at the Permittee's risk and expense and retake possession of the slip. Neither the Department nor any of its officials or employees shall be liable to and a Permittee waves all claims for damage to persons and property sustained by a Permittee resulting from the movement of his or her vessel pursuant to this provision.

- 11) In the event of the death of a slip holder, the surviving spouse or a child of the slip holder shall have the right of first refusal of the assignment of the slip, subject to the approval of the Department. Approval shall be based upon such considerations as the survivor's history of compliance with Department rules and proper utilization of the Marina facilities.

b) Slip Renewals Applications

~~Slip renewal applications~~ For slip renewal, the Harbor Occupancy Agreement must be received by the Department no later than December 31, of any given year. If the ~~renewal application~~ Harbor Occupancy Agreement has not been received by that date the slip will be vacated.

c) Slip Vacancies

- 1) Vacancies in slips shall be filled as follows:

- A) The vacant slip will be made available to current slip holders registered on the Slip Transfer Waiting List in order of appearance.
- B) If no transfer request fills the vacancy within 30 days, the slip will be made available to individuals registered on the Applications Wait List in order of appearance.

2) Sale of Permittee's Vessel

- A) A Permittee may retain his or her designated slip for a period of thirty (30) days after transferring title or agreeing to sell his or her vessel provided the Permittee shall notify the Department in writing within five (5) days of the date Permittee enters into an agreement for the sale of the vessel and his or her

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

intent to acquire another vessel. An extension of an additional period, but not to exceed sixty (60) additional days will be granted by the Department upon submission by Permittee of proof of a contract to purchase or construct another vessel. A further extension may be granted to commercial operators upon showing of a contract to purchase a different boat and a delivery date, not to exceed opening day of the next season.

- B) Permittee shall notify the Department in writing within five (5) days of any change of ownership in his or her vessel resulting from a gift, sale, lease, withdrawal, addition, or substitution of Partners, the sale or transfer of stock in a closely held corporate owner of the vessel or a change of officers or directors of a closely held corporation owning the vessel.

d) Visiting Vessel Temporary Slip Permits

- 1) The M.A.O. may provide temporary slip permits to vessels visiting the Marina. See Section 220.60 (Fees and Charges).
- 2) No temporary permit may last longer than 15 days.
- 3) The M.A.O. may assign temporary use of an already leased slip under limited slip vacancy conditions. See Section 220.40 (Slip Use).
- 4) Temporary permits may be renewed for a like period at the discretion of the M.A.O., based upon permittee's compliance with Department rules and slip availability.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 220.40 Slip Use

a) Vessel Length Limitations

- 1) Vessel length (length over all - LOA) includes all appendages (swim platform, bowsprit, anchor chock, etc.). Vessels may be measured by Marina staff in

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

the slip after occupancy. No vessel having a vessel length (LOA) exceeding 3 feet longer than the designated slip length will be permitted. Vessels with an overall length (LOA) less than 5 feet of the slip length will not be permitted without written permission of the M.A.O. Permission will be based upon maximum utilization of the Marina facility resources. Violation of this provision will result in cancellation of the slip assignment.

- 2) Vessel Extending Beyond Slip: A vessel shall not extend more than 3 feet beyond the end of any finger float including but not limited to the vessel's davits, booms, swingstop, bowsprit or bow pulpit.
- 3) No part of any vessel shall extend over the main walkway.

b) Vessel/Slip Occupancy

- 1) Slips shall be available for occupancy from April 1 through October 31, weather permitting. Boats not being stored for the winter season at North Point Marina must be removed from the Marina by October 31. If boats have not been removed by October 31, the M.A.O. has the authority to remove the vessel and charge the owner for cost of removal and temporary storage fees until the vessel is removed from the site.

- 2) The assigned slip must be occupied by a vessel registered to the slip renter within 60 days after notification that the slip is available for occupancy, unless given written permission by the M.A.O. due to such circumstances as dry-dock time, unforeseen mechanical problems or unavailability of parts.

- 3) The Permittee shall notify the harbor office anytime his/her vessel will be occupied by any person other than the Permittee or his or her family.

- 4) No ~~minors~~ are one under 18 years of age is to stay overnight on any vessel moored in the Marina without an adult present or without written permission from the M.A.O. Permission will be based upon such considerations as age of the minors, reason for the stay, and length of the stay.

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

- 5) Slip holders desiring to live aboard their vessel must make application with the M.A.O. at least 24 hours in advance, for liveaboard status of 14 days or more. The M.A.O. may deny or terminate any application for liveaboard status, based upon such considerations as violations of Department rules, or safety.

- 6) The M.A.O. reserves the right to use permanent slips for transient vessels. Permanent slip holders shall notify the Marina office if they expect to leave their slip unoccupied for a period of 48 hours or longer and their expected date and time of return to the Marina. Transient vessels shall use their own dock lines and shall not use those of the permanent slip holder. Owners of transient vessels must vacate the temporarily assigned permanent slip upon notification by the M.A.O. or on the return of the permanent slip holder's vessel to the Marina. Slip holders who comply with the required notification shall receive solely as a credit against the next season's rental, 10% of the amount charged transient vessels using the slip holder's slip unless the slip holder returns prior to the expected date or time of return and such early return necessitates moving the transient vessel.

- c) Rowboat/yacht tenders; One rowboat, dingy, or yacht tender owned by the Permittee and regularly used as a yacht tender, or a personal watercraft owned by the permittee, may be kept in the Permittee's slip. This rowboat, dingy, ~~or~~ yacht tender or personal watercraft shall not extend into the fairway.

- d) Storage on Docks and Fingers: Nothing shall be stored on the docks and fingers except in locker boxes provided at each slip. When a vessel is removed at the end of the season or due to cancellation, the locker box must be cleaned out. Any items not removed from the locker box shall be deemed abandoned and become property of the Department.

- e) Dock Modification: There shall be no modification of the dock or installation of fenders, dock wheels, etc., without written permission by the M.A.O. Such permission shall be granted if the modification, based upon published marine engineering standards, is approved by

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

~~the Department's chief engineer, does not create a safety hazard, does not conflict with the Department's Master Management Plan, and is not aesthetically displeasing.~~

- f) Steps: Any steps used for ingress and egress from a vessel shall not be wider than half the width of the finger to which the vessel is moored. These steps shall not be used as a storage locker.
- g) Drying of Laundry: Drying or airing of laundry or apparel on the dock or rigging of the vessel is not permitted.

- h) Commercial Activity: Charter boat operators will be assigned to the commercial harbor. Only permittees in the commercial harbor will be permitted to advertise on their boats. No sign of any kind will be permitted on the docks. Charter boat slip fees will be the same as that for the main harbor. ~~Operators must have a valid charter captain's license and the required U.S. Coast Guard documentation. No one other than licensed Charter Boat Operators may engage in charter boat activities. No Charter Boat Operator may pick up or discharge passengers in the recreational basin.~~

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 220.50 Vessel Condition and Movement

a) Inspections

Any individual applying for a permit or having a permit issued thereby impliedly agrees that the Department may examine his or her vessel at any time without prior notice at reasonable hours for the purpose of verifying compliance with all applicable rules.

b) Vessel Condition

- 1) Seaworthiness: Any vessel moored in the Marina shall be seaworthy at all times and be able to get underway by its own power. In the event a vessel becomes unsafe or unseaworthy, the slip permit may be revoked by the Department. The M.A.O. shall give written notice to the slip holder of those items that render the vessel unsafe or unseaworthy. The slip holder shall undertake repairs or refurbishing

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

within twenty (20) days of receipt of notice or such permit will be revoked. Failure to comply with these provisions shall authorize the Department to have the vessel removed and to charge the removal and storage to the Permittee.

- 2) Vessel Maintenance: Limited maintenance such as tune-ups, ~~interior~~ cleaning and line replacement of docked vessels in the recreational harbor is permitted during daylight hours only. ~~Extensive repairs, such as hull repairs, engine overhauls and spray painting, must be completed outside the slip area.~~ Such maintenance activities must not generate paint aerosols, dusts, other particles or material which will deposit upon docks, nearby vessels or other facilities; not produce odors, vapors/gases which will prove offensive or pose health, fire, or other safety hazards. ~~Extensive repairs, such as hull repairs, engine overhauls and spray painting, must be completed outside the slip area.~~ The use of open flame devices (welding torches, blow torches, etc.) or electrical welders shall not be permitted without express permission (based upon safety) of the Department. Only boat repair, service or other type vendors that have been authorized by the Department shall be permitted to perform work on any vessel at the Marina. Emergency repairs may be made at a slip upon written approval of the M.A.O. (See Section 220.80). Any waste products (oil, paint, solvents, etc.) shall be disposed of only in designated areas.

- 3) ~~Boat Mufflers: No person shall drive, operate or use any vessel, craft or float propelled by an internal combustion engine equipped with a muffling device which has been altered in any manner from the manufacturer's specifications so as to increase its emission of noise.~~

- 4) ~~3) Sail Boat Rigging: All sail rigging shall be tied down while at the slip to insure against noise being produced by the rigging.~~

- 5) ~~4) Wrecked or Sunken Vessels: In the event of a wrecked or sunken vessel, the Permittee is responsible for marking the accident site, raising the craft and the disposition of the vessel.~~

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

c) Vessel Movement

- 1) Movement of vessels within the Marina shall be for the purposes of entering or leaving a slip, pump out station or fuel dock. All vessels underway in the Marina shall be under power. Sailing within the Marina is prohibited. The use of jet skis, sail boards, or other personal watercraft within the Marina is prohibited.

- 2) Fueling: Fueling of vessels can only be done at the designated fuel dock in the Marina.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 220.60 Fees and Charges

- a) All fees and charges may be paid in the form of cash, check or money order. Transient rentals only may be paid by approved credit card.

b) Slip Rental - Seasonal

- 1) Slip rental fees will be based upon slip length or overall length of vessel (including all appendages), whichever is greater. Vessels may be measured by Marina staff in the slip after occupancy.

- 2) A (one-time) \$200 deposit must accompany the application for a slip. This deposit is non-refundable and will be applied to the first year's slip rent.

- 3) Slip rental rates are \$60.00 per foot per season for each foot of slip or each foot of vessel, whichever is greater.

- 4) Payment Schedule: Slip rental is due according to the following schedule:

50% by March 125% by December 31
25% by May 125% by February 28
25% by July 125% by April 30
25% by June 30

- 5) Rent will be pro-rated for partial season occupancy by new applicants, based on the proportion of the

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

season remaining at time permittee is notified the slip is available. (Season shall be calculated as ~~April-June~~ 1 through October 31 for pro-rata purposes). There shall be no pro-rata discounting for any vessel offered a slip prior to June 2. Payment schedule shall conform, as nearly as possible, to the schedule set out in Section 220.60(b)(4). (Example: Permittee notified on ~~May~~ June 15 that slip is available. Must pay 75% of pro-rated amount immediately and 25% of pro-rated amount by ~~July~~ June 30).

- 6) Late Charges: ~~For payments not submitted by the~~ scheduled due date, a late charge of 5% of the amount due will be assessed per month. No boat will be allowed to occupy initial occupancy of the assigned slip until the first scheduled payments (including late charges) ~~have~~ been made. Any slip rental payment more than 60 days in arrears will result in lease termination and boat impoundment.

c) Slip Renting - Temporary

Visiting vessels will be charged the following rates:

\$15 per day for vessels 30 feet and under.

\$15 per day plus one dollar per day for each foot over 30 feet LOA.

~~\$10 security card deposit (refundable if turned in upon departure).~~

One day free for every 7 consecutive days paid.

d) Rate Changes

The Department of Conservation reserves the right to change rates.

e) Utilities

Normal utility use is included in slip rental fees. Excess use (defined as consumption beyond average consumption of a similar size boat), as determined by the M.A.O., will be billed at the rate charged Conservation by the respective utilities.

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 220.70 Other Regulations

- a) Quiet Hours: Quiet hours from 11:00 p.m. to 7:00 a.m. shall be observed in the Marina. During this period, no loud noise or instrument producing or reproducing sound shall be used in such a manner as to disturb the peace, quiet and comfort of the neighboring inhabitants. The sounding of horns as required by Marine Rules of the Road is not a violation of quiet hours.
- b) Sanitation and Refuse: All trash must be placed in the provided dumpsters located at the head of each walkway. No sanitary or any marine discharge is allowed in the basin. Pump out stations are provided in the main basin and at the fuel dock. All trash shall be placed in plastic garbage bags prior to disposing in the dumpsters. Fish cleaning shall be done at designated areas in the Marina. Fish cleaning is allowed aboard docked vessels in the commercial basin provided that all refuse is placed in plastic bags and deposited in the designated containers at the fish cleaning station. The use of red plastic bags is prohibited.
- c) Motor Vehicle Traffic and Parking:
 - 1) Visitors will park in the visitors lot only.
 - 2) Permittee Parking: Two (2) magnetic cards which will provide access to the parking area, main headwalks and shower/restroom buildings will be issued to each Permittee. Any misuse of these cards may be cause for termination of the slip permit. There will be a \$25 charge for replacement of lost cards.
 - 3) Removal of Vehicles: Any vehicle in violation of parking regulations may be towed at the expense of the vehicle owner in accordance with the Illinois Vehicle Code (Ill. Rev. Stat. 1987-1989, ch. 95 1/2, pars. 1-100 et seq.).
 - 4) Occupancy of any parked vehicle in the public areas between the hours of one a.m. and five a.m. shall be unlawful without written permission from the

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

M.A.O. displayed in the left front windshield area.

- d) Bicycles and Motorcycles: No person shall roller skate, skateboard, ride bicycles or motorcycles on the docks and gangways within the Marina or upon the boardwalk.
- e) Security Gates: The security gates to the main piers are not to be blocked open at any time. Any tampering of the Marina security systems may be cause for termination of the slip permit. Termination shall be based upon such considerations as the nature of damages or threat to security. All persons within the secured area of the Marina shall identify themselves upon request by Marina personnel.
- f) Swimming/diving: Swimming and diving are not permitted within the protected harbor areas of the Marina.
- g) Fishing: ~~Pole fishing is prohibited within the Harbor except that pole and line fishing only is permitted in designated areas on the breakwater and on vessels berthed at slips. Fishing from the breakwater shall only be on the lake side. No line shall extend into any fairway or maneuvering area. Fishing in a non-permitted area or by any non-permitted method is prohibited.~~
- h) Cooking: No cooking or barbecuing shall be permitted except in designated areas or on the slip holder's vessel. Used charcoal and ash shall be deposited in designated containers only. No charcoal grills or charcoal lighter shall be used on docks or vessels in the marina.
- i) Lost and Found: All found items should be taken to the M.A.O.'s office.
- j) Commercial Activity: No commercial advertising or solicitation is permitted in the recreational basin. A slip holder may place a single 8 1/2 x 11" For Sale sign within the vessel. The use of any boat as a demonstrator by a boat dealer shall be regulated by the vendor regulations which shall be published by the Department.
- k) Tampering with or boarding other vessels without permission is prohibited. ~~Violators may be subject to prosecution.~~
- l) Anchoring: Except in cases of emergency (see Section

ILLINOIS REGISTER

DEPARTMENT OF CONSERVATION

NOTICE OF PROPOSED AMENDMENTS

220.80), no boat shall anchor in North Point Marina waters.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

ILLINOIS REGISTER

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Illinois Police Training Act
- 2) Code Citation: 20 Ill. Adm. Code 1720
- 3) Section Numbers: Proposed Action:
1720.30, Appendix A Amendment
- 4) Statutory Authority: Illinois Revised Statutes, 1989, ch. 85, par. 507

5) A Complete Description of the Subjects and Issues Involved: The purpose of this amendment is to eliminate as an academy standard the necessity of a trainee successfully meeting the threshold weight and body fat standards as defined in Appendix A.

6) Will this proposed rule replace an emergency rule currently in effect? No.

7) Does this rulemaking contain an automatic repeal date? No.

8) Does this proposed amendment contain incorporations by reference? No.

9) Are there any other proposed amendments pending on this Part? No.

10) Statement of Statewide Policy Objectives:

The policy objective for this amendment is to provide a consistent method of providing physical fitness tests to trainees to enter Board-certified academies. The Board has decided to delete the need for threshold weight and percentage body fat content. Accordingly, this rulemaking would provide consistency of training throughout the State of Illinois.

11) Time, Place and Manner in which interested persons may comment on this proposed rulemaking:

Contact person:

Terrence Tranquilli
Deputy Director
Illinois Local Governmental
Enforcement Officers Training Board
Suite 400, Lincoln Tower Plaza
Springfield, IL 62706

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

12) Initial Regulatory Flexibility Analysis:

- A) Date rule was submitted to the Business Assistance Office of the Department of Commerce and Community Affairs: This rulemaking will not effect small business.
- B) Types of small businesses affected: None
- C) Reporting, bookkeeping or other procedures required for compliance: The Police Training Board will monitor the training and administration of the physical fitness examination internally.
- D) Types of professional skills necessary for compliance: There are no new additional requirements as a result of this amended training standard.

The full text of the Proposed Rule begins on the next page:

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

TITLE 20: CORRECTIONS, CRIMINAL JUSTICE AND LAW ENFORCEMENT
CHAPTER V: ILLINOIS LOCAL GOVERNMENTAL LAW ENFORCEMENT OFFICERS
TRAINING BOARD

PART 1720

ILLINOIS POLICE TRAINING ACT

Section 1720.30 School Standards and Requirements

- a) Each local school or course certified by the Board shall operate, for the duration of the school or course, under a full-time Director approved by the Executive Director of the board.
- b) The designated Director shall assume the responsibility of the overall supervision of the school, including the preparation and grading of examinations, rating of classroom notebooks, arranging for qualified instructors, providing for food and lodging for the trainees where appropriate, arranging for adequate training facilities such as classrooms, props, gymnasium and safe firearms ranges, and the conduct and discipline of the trainees.
- c) The designated Director shall maintain complete records on each trainee and, at the conclusion of the course, submit such records to the Executive Director of the Board for filing in such form as he may require. A copy of the performance record of each trainee shall also be furnished the employing agency including demeanor and deportment of the trainee.
- d) The designated Director shall make final determination as to whether a trainee has satisfactorily passed all reasonable standards and requirements of a particular course of training. He shall also have the authority to dismiss from the school any trainee prior to the completion of the course, if, in the opinion of the designated Director, the trainee is unable or unwilling to satisfactorily complete the prescribed course of training. Immediately upon such dismissal action, the designated Director shall submit a written report to the Executive Director and the appointing authority.
- e) The designated Director shall also have the responsibility of fixing reasonable fees to be charged for any training course, including tuition and room and board where applicable. The local governmental agency employing the trainee shall pay such fees directly to the training school or sponsoring agency.

ILLINOIS REGISTER

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

- f) 1) A formal letter of application for certification of a training course under the Illinois Police Training Act must be submitted to the Executive Director by the sponsoring agency and/or the course Director. Such application must include course objectives, curriculum outline, a brief description of what is taught under each topic, the complete schedule of the school (hour by hour and day by day and lesson plans) and the names and qualifications of the instructors to be used. It should also list the specific location of the physical facilities to be used, including firearms ranges and detailed justification regarding fees to be charged as set forth in paragraph (3) above. Applications shall be submitted at least forty-five (45) days prior to the next regularly scheduled meeting of the board.

- 2) After the complete program of the proposed course is evaluated, the applicant will be notified by the Executive Director as to whether the course is approved or disapproved.

- g) The designated Director shall have the responsibility of administering the Board's Physical Fitness Training Standards to all trainees before they commence the Minimum Basic Standard Law Enforcement Training Course. A trainee must successfully meet the Board's Physical Fitness Training Standards as described in Section 1720.30(h).

- h) Every trainee shall be required to perform and successfully complete all of the Board's physical fitness tests in the sequence delineated in this Section. The tests shall be as follows:

- 1) Every trainee shall meet the Board's threshold weight standards as defined in Appendix A. ~~Trainees who fail to meet the threshold weight requirements may otherwise satisfy the Board's first test by meeting the Board's percent body fat limitation in Appendix A.~~
- 2) Every trainee shall meet the Board's sit and reach standard as defined in Appendix A.
- 3) Every trainee shall meet the Board's one (1) minute sit-up standards as defined in Appendix A.
- 4) Every trainee shall meet the Board's bench press standard as defined in Appendix A.
- 5) Every trainee shall meet the Board's 1.5 mile run standard as defined in Appendix A.

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) If a trainee fails any standard in Section 1720.30(h), the designated Director is authorized to administer the minimal physical fitness sequence to the trainee on one more occasion. A trainee only needs to retake the standards of the sequence he or she failed. The retake of a sequence must not be administered before 48 hours have elapsed following the conclusion of the trainee's first physical fitness test, nor later than 72 hours after the conclusion of the first test.

(Source: Amended at Ill.Reg. _____, effective _____, 1990)

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

Section 1720. APPENDIX A Physical Fitness Standards

1. ~~THRESHOLD WEIGHT. This is the weight that has been determined as the weight necessary to 1) perform police tasks without undue effort, and 2) to minimize health problems due to overweight. The score is pounds per height in inches.~~

~~SPAT. For these individuals not meeting the threshold weight a fat test will be given. This is the percentage of body fat that has been determined as the level of overweight that poses a health risk. It is measured with a skinfold caliper at selected skinfold sites. The score is in a fat percentage.~~

~~THRESHOLD WEIGHT - Threshold weight is determined by the following formula: (Height in inches divided by 18.0), if the individual is over the threshold weight then he/she will be checked by skinfolds for percent body fat.~~

HT/IN	THRESHOLD WEIGHT	HT/IN	THRESHOLD WEIGHT	HT/IN	THRESHOLD WEIGHT
52	75	63	134	74	217
53	80	64	141	75	226
54	85	65	147	76	235
55	89	66	154	77	245
56	94	67	161	78	255
57	99	68	168	79	265
58	105	69	176	80	275
59	110	70	184	81	285
60	116	71	192	82	297
61	121	72	200	83	307
62	128	73	209	84	318

MALE AGE				FEMALE AGE			
TEST	20-29	30-39	40-49	50-59	20-29	30-39	40-49
Percent Body fat	20.4	23.5	25.5	27.1	27.7	29.9	35.6

2. ~~SIT AND REACH TEST: This is a measure of the flexibility of the lower back and upper leg area. It is an important area for performing police tasks involving range of motion and is important in minimizing lower back problems. The test involves stretching out to touch the toes beyond the extended arms from the sitting position. The score is in the inches reached on a yard stick with 18" being at the toes.~~

ILLINOIS LOCAL GOVERNMENTAL LAW
ENFORCEMENT OFFICERS TRAINING BOARD

NOTICE OF PROPOSED AMENDMENTS

MALE AGE				FEMALE AGE			
TEST	20-29	30-39	40-49	50-59	20-29	30-39	40-49
Sit and Reach	16.0	15.0	13.8	12.8	18.8	17.8	16.8

3. ~~1 MINUTE SIT UP TEST: This is a measure of the muscular endurance of the abdominal muscles. It is an important area for performing police tasks that may involve the use of force and is an important area for maintaining good posture and minimizing lower back problems.~~

MALE AGE				FEMALE AGE			
TEST	20-29	30-39	40-49	50-59	20-29	30-39	40-49
1 Minute Sit Up	37	34	28	23	31	24	18

4. ~~1 REPETITION MAXIMUM BENCH PRESS: This is a maximum weight pushed from the bench press position and measures the amount of force the upper body can generate.~~

MALE AGE				FEMALE AGE			
TEST	20-29	30-39	40-49	50-59	20-29	30-39	40-49
Maximum Bench Press Ratio	.98	.87	.79	.70	.58	.52	.43

5. ~~1.5 MILE RUN: This is a timed run to measure the heart and vascular systems' capability to transport oxygen. It is an important area for performing police tasks involving stamina and endurance and to minimize the risk of cardiovascular problems. The score is in minutes and seconds.~~

MALE AGE				FEMALE AGE			
TEST	20-29	30-39	40-49	50-59	20-29	30-39	40-49
1.5 Mile Run	13.46	14.31	15.24	16.21	16.21	16.52	17.53

(Source: Amended at Ill. Reg. _____, effective _____, 19__)

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

1) The Heading of the Part: The Illinois Oil and Gas Act

2) Code Citation: 62 Ill. Adm. Code 240

3) Section Number: 240.655
Proposed Action:
Amend

4) Statutory Authority: Implemented and authorized by Section 6 and 8a of the Illinois Oil and Gas Act (Ill. Rev. Stat. 1989, Ch. 96 1/2, par. 5409 and 5413)

5) A complete description of the subjects and issues involved:

This proposed rule corrects an error in the provisions of Section 240.655 as finally adopted, setting forth the mechanical integrity testing requirements for Class II injection wells. The Department originally proposed a 300 PSIG tubing/annulus differential under subsection (e)(1), but reduced it to 50 PSIG in response to public comment. The change was noted in the Department's submission to the Joint Committee on Administrative Rules, but was inadvertently omitted when the final rules were submitted to the Administrative Code Unit.

6) Will this proposed rule replace an emergency rule currently in effect?
No

7) Does this rulemaking contain an automatic repeal date? No

8) Do these proposed amendments contain incorporations by reference? No

9) Are there any other amendments pending on this Part? Yes

Section Numbers	Proposed Action	Illinois Register Citation
240.1105	Repeal	14 Ill. Reg. 10298
240.1110	Repealed, New Section	14 Ill. Reg. 10298
240.1120	Repealed, New Section	14 Ill. Reg. 10298
240.1130	Repealed, New Section	14 Ill. Reg. 10298
240.1140	Repealed, New Section	14 Ill. Reg. 10298
240.1150	Repealed, New Section	14 Ill. Reg. 10298
240.1151	New Section	14 Ill. Reg. 10298
240.1170	Repealed, New Section	14 Ill. Reg. 10298
240.1180	Repealed, New Section	14 Ill. Reg. 10298
240.1190	Repealed, New Section	14 Ill. Reg. 10298

10) Statement of Statewide Policy Objectives: The proposed amendments will have no impact on local units of government.

11) Time, Place, and Manner in which interested persons may comment on this proposed rulemaking:

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

Written comments may be submitted within 45 days of the publication of this notice to:

John C. Lynch, General Counsel
Illinois Department of Mines and Minerals
300 West Jefferson, Suite 300
Springfield, IL 62791-0137

Commenters must provide a name and address. Comments must be directed to a specific subsection and must be made on a separate sheet of 8 1/2 x 11 inch paper.

Comments may include data, views, arguments or any documents relevant to the proposals noted above in the Description of Subjects and Issues involved. All comments are due at the above address no later than 5:00 p.m. on November 13, 1990. Comments received thereafter will not be considered in this rulemaking.

12) Initial Regulatory Flexibility Analysis:

A) Date rule was submitted to the Small Business Office of the Department of Commerce and Community Affairs:

B) Types of small businesses affected: All Class II injection well operators employing less than fifty people and having less than four million dollars in annual sales.

C) Reporting, bookkeeping or other procedures required for compliance: Small businesses are required to report the setting and resetting of packer on a Class II injection well, and are required--where a permittee desires to use the alternative monitoring test--to make written application to the Department. In addition, the operator is required to conduct the tests specified in the rule, which, in the case of external mechanical integrity, requires production of cement records and/or other well construction records or reports.

D) Types of professional skills necessary for compliance: None

The full text of the Proposed Amendments begins on the next page.

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

TITLE 62: MINING

CHAPTER I: DEPARTMENT OF MINES AND MINERALS

PART 240

THE ILLINOIS OIL AND GAS ACT

SUBPART A: GENERAL PROVISIONS

Section

240.10 Definitions
 240.20 Prevention of Waste (Repealed)
 240.30 Jurisdiction (Repealed)
 240.40 Enforcement of Act (Repealed)
 240.50 Delegation of Authority (Repealed)
 240.60 Right of Inspection (Repealed)
 240.70 Right of Access (Repealed)
 240.80 Sworn Statements (Repealed)
 240.90 Additional Reports (Repealed)
 240.100 When Rules Become Effective (Repealed)
 240.110 Notice of Rules (Repealed)
 240.120 Forms (Repealed)
 240.130 Hearings--Notices
 240.140 Violations Not Requiring Formal Action
 240.150 Notice of Violation
 240.160 Director's Decision
 240.170 Cessation Order
 240.180 Enforcement Hearings
 240.190 Temporary Relief
 240.195 Subpoenas

SUBPART B: APPLICATION PROCEDURES AND PERMIT REQUIREMENTS

Section

240.210 General Provisions
 240.220 Application for Permit to Drill, Deepen or Convert Well
 240.230 Application for Permit for Geological or Structural Test Hole
 240.240 Permits for Salt Water Disposal or for Gas, Air, Water, or other Liquid Input Wells
 240.250 Permit Requirements in Mine Areas
 240.255 Underground Injection and Disposal Projects
 240.260 Application for Approval of Enhanced Recovery Projects
 240.270 Application for Approval of Enhanced Recovery Injection and Disposal Operations
 240.280 Duration of Underground Injection Well Orders

SUBPART C: TRANSFER OF OWNERSHIP AND BONDING

Section

240.305 Transfer of Management

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

240.310 When Bonds Required--Amount
 240.320 Kind of Bond--Execution
 240.330 Bond of Manager
 240.340 Bond Form--Approval
 240.350 Surety May Cancel Bond
 240.360 Mining Board May Cancel Bond
 240.370 Casing Puller's Bond

SUBPART D: SPACING OF WELLS

Section

240.410 General Spacing Rules
 240.420 Secondary Recovery
 240.430 Nonconforming Wells to be Plugged

SUBPART E: DRILLING AND CASING PROCEDURES

Section

240.510 Rotary Drilling Procedures
 240.520 Cable Tool Drilling Rules
 240.530 Slush and Mud Pits

SUBPART F: PRODUCTION AND INJECTION WELL OPERATING REQUIREMENTS

Section

240.610 Return of Completion Card
 240.620 Well Log to be Filed
 240.630 Contents of Well Log
 240.640 Collection of Drill Cuttings
 240.650 Operating Requirements for Enhanced Recovery Injection and Disposal Wells

240.655 Mechanical Integrity Testing for Class II Injection Wells
 240.660 Monitoring and Reporting Requirements for Enhanced Recovery Injection and Disposal Wells

SUBPART G: WASTE PROHIBITED

Section

240.710 Avoidable Waste of Gas
 240.720 Escape of Unburned Gas Prohibited

SUBPART H: PROTECTION OF WORKABLE COAL BEDS

Section

240.805 Introduction
 240.810 Workable Coal Beds Defined
 240.820 Mining Board may Determine Presence of Coal Seams

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

240.830 Well Locations Prohibited
240.840 Notice to Mining Board
240.850 Casing and Protective Work
240.860 Operational Requirements Over Active Mine

SUBPART I: GENERAL LEASE OPERATING REQUIREMENTS AND
AVOIDANCE OF SURFACE POLLUTION

Section	
240.905	Introduction
240.910	Disposal in Underground Stratum
240.920	Disposal in Earthen Pits
240.930	Pipes to be Kept in Repair
240.940	Burn Off Pits
240.950	Lease Tank Reservoirs
240.960	Fire Hazards at Well Locations
240.970	Mining Board Supervision
240.980	Yearly Inspection--of Pits--Revocation of Permits--Orders for Corrective Action and Other Disposal
240.990	Lease and Well Identification

SUBPART J: VACUUM

Section	
240.1005	Requirements for Use of Vacuum Pumps
240.1010	Application for Use of Vacuum
240.1020	Notice and Hearing on Application
240.1030	Mining Board Authority

SUBPART K: PLUGGING OF WELLS

Section	
240.1105	Plugging of Non-Productive Wells
240.1110	Mining Board Supervision
240.1120	When Well to be Plugged
240.1130	Prior Notice to Mining Board Representatives
240.1140	Owner to Furnish Well Log
240.1150	Plugging Methods and Procedures
240.1160	Converting to Water Well (Repealed)
240.1170	Restoration of Surface
240.1180	Extension of Time to Plug Well
240.1190	Filing Plugging Affidavit

SUBPART L: VALIDITY OF RULES

Section	
240.1200	Severability

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

SUBPART M: OIL FIELD BRINE HAULING

Section	
240.1310	Authority, Policy and Purpose
240.1320	Definitions
240.1330	Oil Field Brine Haulers Permit
240.1340	Applications for Brine Hauling Permit Shall Include the Following:
240.1350	Applications for Oil Field Brine Hauling Permits--Signatures and Authorization
240.1360	Oil Field Brine Hauling Permit Conditions
240.1370	Inspection of Vehicles
240.1380	Transfer of Permits
240.1385	Revocation of Oil Field Brine Hauling Permit
240.1390	Records and Reporting Requirements
240.1395	Bonds--Blanket Surety Bond

AUTHORITY: Implementing and authorized by Sections 6 and 8a of "The Illinois Oil and Gas Act" (Ill. Rev. Stat. 1989, ch. 96 1/2, pars. 5409 and 5413).

SOURCE: Adopted November 7, 1951; emergency amendment at 6 Ill. Reg. 903, effective January 15, 1982, for a maximum of 150 days; amended at 6 Ill. Reg. 5542, effective April 19, 1982; codified at 8 Ill. Reg. 2475; amended at 11 Ill. Reg. 2818, effective January 27, 1987; amended at 14 Ill. Reg. 2317, effective January 25, 1990; recodified at 14 Ill. Reg. 3053; amended at 14 Ill. Reg. 13620, effective August 8, 1990; amended at ____ Ill. Reg. ____, effective ____.

(NOTE: Capitalization denotes statutory language.)

Section 240.655 Mechanical Integrity Testing for Class II Injection Wells

- a) The permittee shall contact the well inspector for the county in which the well is located at least twenty-four (24) hours prior to the initial setting or any resetting of the packer in a Class II Injection Well to enable the inspector to be present when the packer is set. Setting of the packer must be reported on a form prescribed by the Department.
- b) The permittee shall contact the well inspector for the county and schedule an internal mechanical integrity test prior to commencement of injection into:

- 1) a newly permitted Class II Injection Well;
- 2) a Class II Injection Well after change to a new, permitted injection zone;

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

- 3) a Class II Injection Well after resetting or movement of the packer; and
- 4) a Class II Injection Well after reactivation from temporary abandonment status.

c) An internal mechanical integrity test shall be performed under the supervision of a well inspector:

- 1) prior to initial injection into a newly permitted Class II Injection Well;
- 2) prior to initial injection into a Class II Injection Well after a change to a new, permitted injection zone;
- 3) prior to resuming injection into any Class II Injection Well after any work over of the well involving the resetting or movement of a packer;
- 4) prior to initial injection into a Class II Injection Well after the well has been reactivated from temporary abandonment status;

5) whenever the Department has reason to believe, based upon well records or field observation, and subject to the provisions of Sections 240.140, 240.150 and 240.170 of this Part, that the Class II Injection Well may be leaking or improperly constructed; and

6) at least once every five (5) years measured from the date of the last successful test.

d) All Class II Injection Wells not subjected to an internal mechanical integrity pressure test as of the effective date of this Section, shall be tested during the 5 years after the effective date. Each permittee shall conduct an internal mechanical integrity test on at least 20% of the permittee's total untested Class II Injection Wells each year.

e) Internal Mechanical Integrity (Part I):

The following pressure test shall be performed on Class II Injection Wells to establish the internal mechanical integrity of the tubing, casing and packer of the well.

1) Pressure Test

The casing-tubing annulus above the packer shall be tested under the supervision of the Department at a minimum pressure differential between the tubing and the annulus of 300 50 PSIG for a period of 30 minutes. In addition, the casing-tubing

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

annulus starting test pressure shall not be less than 300 PSIG and may vary no more than five (5) percent of the starting test pressure during the test. The well may be operating or shut in during the test.

2) Monitoring Test

For those wells which are physically unable to perform the pressure test specified in subsection (e)(1) above because the packer would unseat, but not because the well is improperly constructed, the permittee may make application to perform a monitoring test in lieu of the pressure test on forms prescribed by the Department. An approved monitoring test will consist of pressuring the annulus to a specified pressure no less than 50 PSIG and monitoring the positive annular pressure over a specified period of time. In determining whether to approve a monitoring test, and in establishing the test parameters (i.e., positive annulus pressure, tubing injection pressure, injection rate, monitoring method and length and frequency of monitoring), the Department shall consider well construction including:

- A) The volume of the casing-tubing annulus;
- B) Depth of packer;
- C) Pressure below the packer; and
- D) Type of tubing and packer.

f) Any Class II Injection Well which fails an internal mechanical integrity test or on which an internal mechanical integrity test has not been performed when required by subsection (c) above, shall be shut in until the well is plugged, converted to a producing well, or until remedial work is commenced and completed in accordance with Section 240.650(c) and an internal mechanical integrity test is successfully completed.

g) External Mechanical Integrity (Part II):

The external mechanical integrity, i.e., outside of the casing, shall be evaluated by the Department to establish that the fresh water and other zones are protected from upward migration of fluids. To establish external mechanical integrity, all Class II injection wells shall have cement placed behind the outermost string of production casing at the depth of the permitted interval of injection (or above the permitted interval but below the next highest injection interval in an open hole completion) to prevent fluid from migrating into the fresh water or other unpermitted intervals. Such cement shall extend:

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

- 1) In any newly drilled Class II Injection Well permitted after the effective date of this Section, at least 250 feet above the top of the permitted interval of injection or the bottom of the casing in an open hole completion.
- 2) In any existing production well permitted for conversion to a Class II Injection Well after the effective date of this Section, at least 100 feet above the top of the permitted interval of injection or the bottom of the casing in an open hole completion.
- 3) In any existing Class II Injection Well, other than a well referred to in subsections (g)(1) and (g)(2) above, a sufficient distance above the top of the permitted interval of injection or above the bottom of the casing in an open hole completion to prevent upward migration of fluid. In determining the sufficiency of cement, the Department shall consider the amount of cement, the location of the packer and the injection pressure.
- 4) If external mechanical integrity, under subsections (g)(1) or (2) above, cannot be demonstrated by cement records or Illinois State Geological Survey record, the permittee may utilize one or more of the following methods to demonstrate External Mechanical Integrity:
 - A) Temperature log indicating top of cement.
 - B) Conventional acoustic cement bond log with travel time and amplitude clearly marked.
 - C) Advanced cement evaluation logs.
 - D) Radioactive tracer survey indicating lack of fluid migration behind the casing.
 - E) Oxygen-activation log indicating lack of fluid migration behind the casing.
- h) No newly drilled or converted Class II Injection Well permitted after the effective date of this Section shall be operated until it has demonstrated external mechanical integrity.

i) If the Department has reason to believe, based upon well records or field observation, that any Class II Injection Well is causing fluid migration into the fresh water resulting from a failure of external mechanical integrity, the permittee shall shut in the well until the well is plugged, converted to a producing well, or until remedial

DEPARTMENT OF MINES AND MINERALS

NOTICE OF PROPOSED AMENDMENT(S)

cement work is commenced and completed in accordance with Section 240.650(c) or external mechanical integrity is established in accordance with subsection (g)(4) above.

(Source: Amended at Ill. Reg. _____, effective _____, 1990.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 1) Heading of the Part: Primary Drinking Water Standards
- 2) Code Citation: 35 Ill. Adm. Code 611
- 3) Section Numbers: Proposed Action:
611.102, 611.526, 611.606, 611.610, 611.720 Amendments
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.
- 5) A Complete Description of the Subjects and Issues Involved:
A complete description is contained in the Board's Opinion of September 13, 1990, in R90-21, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.
This proposed amendment adds the "MMO-MUG test" as an optional means of determining coliform levels, and makes other corrections to incorporations by reference of analytical methods.
- 6) Will this proposed rule replace an emergency rule currently in effect?
No.
- 7) Does this rulemaking contain an automatic repeal date?: No.
- 8) Does this proposed Amendment contain incorporations by reference?
Yes. Section 611.102 contains incorporations by reference. Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5 provides that Section 5 of the APA shall not apply to this rulemaking.
- 9) Are there any other amendments pending on this Part? No.
- 10) Statement of Statewide Policy Objectives:

This rulemaking is mandated by Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) and by the federal Safe Drinking Water Act (42 U.S.C. 300f et seq.) The statewide policy objectives are set forth in Section 14 of the Environmental Protection Act. These rules impose mandates on units of local government which own or operate public water supplies. This rulemaking adds the MMO-MUG test as an optional method for measuring coliform, and makes other technical corrections to incorporations by reference.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 11) Time, Place and Manner in which interested persons may comment on this proposed rulemaking:
The Board will accept written public comment on this proposal for a period of 45 days after the date of this publication. Comments should reference Docket R90-21 and be addressed to:
Ms. Dorothy M. Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center, Suite 11-500
100 W. Randolph St.
Chicago, IL 60601
- 12) Initial Regulatory Flexibility Analysis:
 - A) Date rule was submitted to the Small Business Office of the Department of Commerce and Community Affairs: September 17, 1990
 - B) Types of small businesses affected:
The existing rules affect small businesses which own or operate public water supplies. The amendments may affect the distributor of the MMO-MUG test.
 - C) Reporting, bookkeeping or other procedures required for compliance:
The existing rules require extensive reporting, bookkeeping and other procedures, including the preparation of permit applications, monthly reports and notifications to the public.
 - D) Types of professional skills necessary for compliance:
Compliance with the existing rules may require the services of an attorney, chemist and registered professional engineer.

The full text of the Proposed Amendment begins on the next page:

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

NOTICE OF PROPOSED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
 SUBTITLE F: PUBLIC WATER SUPPLIES
 CHAPTER I: POLLUTION CONTROL BOARD

Point-of-Entry Devices
 Use of other Non-centralized Treatment Devices

PART 611
 PRIMARY DRINKING WATER STANDARDS

SUBPART F: MAXIMUM CONTAMINANT LEVELS (MCL's)

SUBPART A: GENERAL

Section
 611.100
 611.101
 611.102
 611.103
 611.108
 611.109
 611.110
 611.111
 611.112
 611.113
 611.114
 611.115
 611.120
 611.121
 611.125
 611.126

Purpose, Scope and Applicability
 Definitions
 Incorporations by Reference
 Severability
 Delegation to Local Government
 Enforcement
 Special Exception Permits
 Section 1415 Variances
 Section 1416 Variances
 Alternative Treatment Techniques
 Siting requirements
 Source Water Quality
 Effective dates
 Maximum Contaminant Levels
 Fluoridation Requirement
 Prohibition on Use of Lead

Section
 611.300
 611.310
 611.311
 611.311
 611.320
 611.325
 611.330
 611.331

Inorganic Chemicals
 Organic Chemicals
 VOCs
 Turbidity
 Microbiological Contaminants
 Radium and Gross Alpha Particle Activity
 Beta Particle and Photon Radioactivity

SUBPART K: GENERAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.480
 611.490
 611.491
 611.500

Alternative Analytical Techniques
 Certified Laboratories
 Laboratory Testing Equipment
 Consecutive PWSS

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.521
 611.522
 611.523
 611.524
 611.525
 611.526
 611.527
 611.531
 611.532
 611.533

Routine Coliform Monitoring
 Repeat Coliform Monitoring
 Invalidation of Total Coliform Samples
 Sanitary Surveys
 Fecal Coliform and E. Coli Testing
 Analytical Methodology
 Response to Violation
 Analytical Requirements
 Unfiltered PWSS
 Filtered PWSS

SUBPART M: TURBIDITY MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.560

Turbidity

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.601
 611.602
 611.603
 611.606
 611.607
 611.610

Requirements
 Violation of State MCL
 Frequency of State Monitoring
 Analytical Methods
 Fluoride Monitoring
 Special Monitoring for Sodium

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

SUBPART B: FILTRATION AND DISINFECTION

Section
 611.201
 611.202
 611.211
 611.212
 611.213
 611.220
 611.230
 611.231
 611.232
 611.233
 611.240
 611.241
 611.242
 611.250
 611.261
 611.262
 611.271
 611.272

Requiring a Demonstration
 Procedures for Agency Determinations
 Filtration Required
 Groundwater under Direct Influence of Surface Water
 No Method of HPC Analysis
 General Requirements
 Filtration Effective Dates
 Source Water Quality Conditions
 Site-specific Conditions
 Treatment Technique Violations
 Disinfection
 Unfiltered PWSS
 Filtered PWSS
 Filtration
 Unfiltered PWSS: Reporting and Recordkeeping
 Filtered PWSS: Reporting and Recordkeeping
 Protection during Repair Work
 Disinfection following Repair

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

NOTICE OF PROPOSED AMENDMENTS

Section
611.641
611.645
611.648
611.650
611.657

Sampling and Analytical Requirements
Analytical Methods
Sampling for VOCs
Monitoring for 36 Contaminants
Analytical Methods for 36 Contaminants

SUBPART P: THM MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.680
611.683
611.684
611.685
611.686

Sampling, Analytical and other Requirements
Reduced Monitoring Frequency
Averaging
Analytical Methods
Modification to System

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
611.720
611.731
611.732

Analytical Methods
Gross Alpha
Manmade Radioactivity

SUBPART T: REPORTING, PUBLIC NOTIFICATION AND RECORDKEEPING

Section
611.830
611.831
611.832
611.833
611.840
611.851
611.852
611.853
611.854
611.855
611.856
611.858
611.860
611.870

Applicability
Monthly Operating Report
Notice by Agency
Cross Connection Reporting
Reporting
Reporting MCL and other Violations
Reporting other Violations
Notice to New Billing Units
General Content of Public Notice
Mandatory Health Effects Language
Fluoride Notice
Fluoride Secondary Standard
Record Maintenance
List of 36 Contaminants
Mandatory Health Effects Information
Percent Inactivation of *G. Lambelia* Cysts
Common Names of Organic Chemicals
Total Coliform Monitoring Frequency
Fecal or Total Coliform Density Measurements
Frequency of RDC Measurement

Appendix A
Appendix B
Appendix C
Table A
Table B
Table C

AUTHORITY: Implementing Sections 17 and 17.5 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

SOURCE: Adopted in R88-26 at 14 Ill. Reg. , effective
; amended in R90-21 at 14 Ill. Reg. , effective

SUBPART A: GENERAL

Section 611.102 Incorporations by Reference

a) Abbreviations. The following abbreviated names are used for materials incorporated by reference:

"AEP-1 Polymer" is available from Advanced Polymer Systems.

"ASTM" means American Society for Testing and Materials

"Indigo method" is as described in "Standard Methods", 17th Edition, Method 4500-03 B.

"Inductively Coupled Plasma Method" means "Inductively Coupled Plasma-Atomic Emission Spectrometric Method for Trace Element Analysis in Water and Wastes -- Method 200.7, with appendix" See 40 CFR 136, Appendix C.

"Inorganic Methods" means "Methods for Chemical Analysis of Water and Wastes", available from NTIS

"Microbiological Methods" means "Microbiological Methods for Monitoring the Environment, Water and Wastes", available from NTIS.

"MMO-MUG Test" means "minimal medium ortho-nitrophenyl-beta-D-galactopyranoside - 4-methyl-umbelliferyl-beta-D-glucuronide test", available from Access Analytical Systems, Inc.

"NCRP" means "National Council on Radiation Protection".

"NTIS" means "National Technical Information Service".

"Organic Methods" means "Methods for the Determination of Organic Compounds in Drinking Water", available from USEPA.

"Pesticide Methods" means "Methods for Organochlorine Pesticides and Chloro-phenoxy Acid Herbicides in Drinking Water and Raw Source Water", available from USEPA.

"Radiochemical Methods" means "Interim Radiochemical Methodology for Drinking Water", available from NTIS.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

"SPE Test Method" means "Solid Phase Extraction Test Method", available from J.T. Baker Chemical Company.

"Standard Methods", means "Standard Methods for the Examination of Water and Wastewater", available from the American Waterworks Association.

"Technicon Methods" means "Fluoride in Water and Wastewater", available from Technicon.

"USGS Method" means "United States Geological Survey Method"

b) The Board incorporates the following publications by reference:

Access Analytical Systems, Inc., 21 Business Park Drive, Branford, CT 06405 800/321-0207

MMO-MUG tests: Colilert P/A or Colilert MPN.

ASTM. American Society for Testing and Materials, 1976 Race Street, Philadelphia, PA 19103

ASTM Method D858-88, "Standard Test Methods for Manganese in Water", approved August 19, 1988.

ASTM Method D992-71

-ASTM Method D1067-88, "Standard Test Methods for Acidity of Aqueous Solutions of Water", approved August 19, 1988.

ASTM Method D1126-86, "Standard Test Method for Hardness in Water", approved August 29, 1988.

ASTM Method D1179-72A or B "Standard Test Methods for Fluoride in Water", approved July 28, 1972, reapproved 1978.

-ASTM Method D1293-84, "Standard Test Methods for pH of Water", approved October 26, 1984.

ASTM Method D1428-64, "Standard Test Methods for Sodium and Potassium in Water and Water-Formed Deposits by Flame Photometry", approved August 31, 1964, reapproved 1977.

ASTM Method D1637-77D, "Standard Test Methods for Chromium in Water", approved February 18, 1977.

ASTM Method D1688-84D or E, "Standard Test Methods for

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Copper in Water".

ASTM Method D1889-88a, "Standard Test Method for Turbidity of Water", approved June 24, 1988.

ASTM Method D2459-72, "Standard Test Method for Gamma Spectrometry in Water", 1975, reapproved 1981, discontinued 1988.

ASTM Method D2907-83, "Standard Test Methods for Microquantities of Uranium in Water by Fluorometry", approved May 27, 1983.

ASTM Method D2972-78A or B, "Standard Test Methods for Arsenic in Water", approved August 18, 1978.

ASTM Method D3086-79, "Standard Test Methods for Organochlorine Pesticides in Water", approved November 30, 1979.

ASTM Method D3223-79, "Standard Test Method for Total Mercury in Water", approved November 30, 1979.

ASTM Method D3478-85, "Standard Test Method for Chlorinated Phenoxy Acid Herbicides in Water", approved November 29, 1985.

ASTM Method D3557-79A or B, "Standard Test Methods for Cadmium in Water", approved July 28, 1978.

ASTM Method D3559-79A or B, "Standard Test Methods for Lead in Water", approved July 28, 1978.

ASTM Method D3859-79, "Standard Test Methods for Selenium in Water", approved November 30, 1979.

ASTM Method D3867-79A or B, "Standard Test Methods for Nitrite-Nitrate in Water", approved November 30, 1979.

American Waterworks Association et al., 6666 West Quincy Ave., Denver, CO 80235 (303) 794-7711

Standard Methods for the Examination of Water and Wastewater, 13th Edition, 1971.

Methods 302, 303, 304, 305 and 306

Standard Methods for the Examination of Water and

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Wastewater, 14th Edition, 1976.

Method-s- 301A II, -III, IV, V, VI and VII--Determination of Cadmium, etc. by Direct Aspiration into an Air-Acetylene Flame.

Method 301A III, Determination of Low Concentrations of Cadmium, etc. by Chelation with Ammonium Pyrrolidine Dithiocarbamate, and Extraction into Methyl Isobutyl Ketone

Method 301A IV, Determination of Aluminum, etc. by Direct Aspiration into a Nitrous Oxide Acetylene Flame

Method 301A VI, Determination of Mercury by Cold Vapor (Flameless) Atomic Absorption

Method 301A VII, Determination of Arsenic and Selenium by Conversion to their Hydrides and Aspiration of the Gas into the Argon-Hydrogen Flame

Method -325B-320 and 320A, Sodium, Flame Photometric Method

Method 404A and B(4)

Method 413D, Cyanide, Colorimetric Method

Method 419C and D

Method 509A- and B-, Organochlorine Pesticides (TENTATIVE)

Method 509B, Chlorinated Phenoxy Acid Herbicides (TENTATIVE)

Method 605

Standard Methods for the Examination of Water and Wastewater, 16th Edition, 1985.

Method 43A and C

Method 212, Temperature

Method 214A, Turbidity, Nephelometric Method -- Nephelometric Turbidity Units

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Method-s- 303A- and B-, Determination of Antimony, etc. by Direct Aspiration into an Air-Acetylene Flame

Method 303B, Determination of Low Concentrations of Cadmium, etc. by Chelation with Ammonium Pyrrolidine Dithiocarbamate (APDC) and Extraction into Methyl Isobutyl Ketone (MIBK)

Method 304, Determination of Micro Quantities of Aluminum, etc. by Electrothermal Atomic Absorption Spectrometry

Method 408C, D, E and F

Method 410B- and 6-, Chlorine Dioxide, Amperometric Method

Method 410C, Chlorine Dioxide, DPD Method (TENTATIVE)

Method 412D

Method 413 B and E

Method 423, pH Value

Method 907A, Pour Plate Method

Method 908-7, 908A, B, 6, 9 and E-, Multiple Tube Fermentation Technique for Members of the Coliform Group

Method 908A, Standard Coliform Multiple-Tube (MPN) Tests

Method 908B, Application of Tests to Routine Examinations

Method 908C, Fecal Coliform MPN Procedure

Method 908D

Method 908E, Presence-Absence (P-A) Coliform Test (TENTATIVE)

Method 909-7, 909A, B and 6-, Membrane Filter Technique for Members of the Coliform Group

Method 909A, Standard Total Coliform Membrane Filter

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Procedure

Method 909B, Delayed Incubation Total Coliform Procedure

Method 909C, Fecal Coliform Membrane Filter Procedure

-Method 912K-

Standard Methods for the Examination of Water and Wastewater, 17th Edition, 1989.

Advanced Polymer Systems, 3696 Haven Avenue, Redwood City, CA 94063 415/ 366-2626:

AEPA-1 Polymer. See 40 CFR 141.22(a). Also, as referenced in ASTM D1889.

ERDA Health and Safety Laboratory, New York, NY

HASL Procedure Manual, HASL 300, 1973. See 40 CFR 141.25(b)(2).

J.T. Baker Chemical Company, 22 Red School Lane, Phillipsburg, NJ 08865:

Solid Phase Extract (SPE) Test Method Number SPE-550. See 40 CFR 141.24(e), footnote 6.

NCRP. National Council on Radiation Protection, 7910 Woodmont Ave., Bethesda, MD (301) 657-2652.

"Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure", NCRP Report Number 22, June 5, 1959.

NTIS. National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161 (703) 487-4600.

"Methods of for Chemical Analysis of Water and Wastes", J. Kopp and D. McGee, Third Edition, March, 1979. EPA-600/4-79-020, Doc. No. PB84-128677

"Microbiological Methods for Monitoring the Environment: Water and Wastes", R. Bodner and J. Winter, 1978. EPA-600/9-78-017, Doc. No. PB290-329/LP

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

"Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions", H.L. Krieger and S. Gold, EPA-R4-73-014, May, 1973, Doc. No. PB222-154/7BA

Technicon Industrial Systems, Tarrytown, NY 10591

"Fluoride in Water and Wastewater", Industrial Method #129-71W, December, 1972 See 40 CFR 141.23(f)(10), footnotes 6 and 7.

"Fluoride in Water and Wastewater", #380-75WE, February, 1976. See 40 CFR 141.23(f)(10), footnotes 6 and 7.

United States Environmental Protection Agency, (202) 382-4359

"The Analysis of Trihalomethanes in Drinking Waters by the Purge and Trap Method", Method 501.1. See 40 CFR 141, Subpart C, Appendix C.

"The Analysis of Trihalomethanes in Drinking Water by Liquid/Liquid Extraction," Method 501.2 See 40 CFR 141, Subpart C, Appendix C.

"Inductively Coupled Plasma-Atomic Emission Spectrometric Method for Trace Element Analysis in Water and Wastes -- Method 200.7, with Appendix to Method 200.7" entitled, "Inductively Coupled Plasma-Atomic Emission Analysis of Drinking Water", March 1987. See 40 CFR 136, Appendix C.

"Interim Radiochemical Methodology for Drinking Water", EPA-600/4-75-003 (Revised) March, 1976.

"Methods for the Determination of Organic Compounds in Drinking Water", EPA/600/4-88/039, December, 1988.

"Methods for Organochlorine Pesticides and Chloro-phenoxy Acid Herbicides in Drinking Water and Raw Source Water"

"Methods of for Chemical Analysis of Water and Wastes". See NTIS

Microbiological Methods for Monitoring the Environment, Water and Wastes". See NTIS

"Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions". See NTIS

United States Environmental Protection Agency, Science and

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

Technology Branch, Criteria and Standards Division, Office of Drinking Water, Washington D.C. 20460

"Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources", October, 1989

USGS. United States Geological Survey.

Techniques of Water-Resources Investigation of the United States Geological Survey:

Book 5, Chapter A-1, "Methods for Determination of Inorganic substances in Water and Fluvial Sediments", 1979

Book 5, Chapter A-3, "Methods for Analysis of Organic Substances in Water," 1971

- c) The Board incorporates the following federal regulations by reference:

40 CFR 136, Appendix B and C (1989)

40 CFR 141.22(a) (1989)

40 CFR 141.23(f)(10), footnotes 6 and 7 (1989)

40 CFR 141.24(e), footnote 6 (1989)

40 CFR 141.25(b)(2) (1989)

40 CFR 141, Subpart C, Appendix C (1989).

- d) This Part incorporates no future amendments or editions.

(Source: Amended at 14 Ill. Reg. , effective)

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.526 Analytical Methodology

- a) The standard sample volume required for total coliform analysis, regardless of analytical method used, is 100 ml.
- b) Suppliers need only determine the presence or absence of total coliforms, a determination of total coliform density is not required.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- c) Suppliers shall conduct total coliform analyses in accordance with one of the following analytical methods, incorporated by reference in Section 611.102:

- 1) Multiple-Tube Fermentation (MTF) Technique, as set forth in:

A) Standard Methods, 16th Edition, Method 908, 908A and 908B, except that 10 fermentation tubes must be used; or

B) Microbiological Methods, Part III, Section B 4.1-4.6.4, pp. 114-118, (Most Probable Number Method), except that 10 fermentation tubes must be used; or

- 2) Membrane Filter (MF) Technique, as set forth in:

A) Standard Methods, 16th Edition, Method 909, 909A and 909B; or

B) Microbiological Methods, Part III, Section B.2.1-2.6, pp. 108-112; or

- 3) P-A Coliform Test, as set forth in: Standard Methods, 16th Edition, Method 908E-1-1; or

- 4) MMO-MUG test.

- d) In lieu of the 10-tube MTF Technique specified in subsection (c)(1), a supplier may use the MTF Technique using either five tubes (20-ml sample portions or a single culture bottle containing the culture medium for the MTF Technique, i.e., lauryl tryptose broth (formulated as described in Standard Methods, 16th Edition, Method 908A, incorporated by reference in Section 611.102) as long as a 100-ml water sample is used in the analysis.

- e) Suppliers shall conduct fecal coliform analysis in accordance with the following procedure:

- 1) When the MTF Technique or P-A Coliform Test is used to test for total coliforms, shake the lactose-positive presumptive tube or P-A bottle vigorously and transfer the growth with a sterile 3-mm loop or sterile applicator stick into brilliant green lactose bile broth and EC medium, defined below, to determine the presence of total and fecal coliforms, respectively.
- 2) For Microbiological Methods, referenced above, which use a membrane filter, remove the membrane containing the total coliform colonies from the substrate with a sterile forceps and carefully curl and insert the membrane into a tube of EC

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

medium. (The laboratory may first remove a small portion of selected colonies for verification). Gently shake the inoculated EC tubes to insure adequate mixing and incubate in a waterbath at 44.5 +/- 0.2 degrees C for 24 +/- 2 hours. Gas production of any amount in the inner fermentation tube of the EC medium indicates a positive fecal coliform test.

- 3) The preparation of EC medium is described in Standard Methods, 16th Edition, Method 908C.

- 4) Suppliers need only determine the presence or absence of fecal coliforms, a determination of fecal coliform density is not required.

BOARD NOTE: Derived from 40 CFR 141.21(f) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

(Source: Amended at 14 Ill. Reg. , effective)

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.606 Analytical Methods

Analyses conducted to determine compliance with Section 611.300 must be made in accordance with the following methods, incorporated by reference in Section 611.102. For approved analytical procedures for metals, the technique applicable to total metals must be used.

a) Arsenic:

- 1) ASTM Method D2972A or B; or
- 2) Standard Methods, 14th Edition:
 - A) Method 301A VII; or
 - B) Method 404A and 404B(4); or
- 3) USGS Methods, Method I-1062-78, pp. 61-63, Atomic Absorption - Gaseous Hydride; or
- 4) Inorganic Methods:
 - A) Method 206.2, Atomic Absorption Furnace Technique; or
 - B) Method 206.3; or
 - C) Method 206.4; or

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 5) Inductively Coupled Plasma Method 200.7.

b) Barium:

- 1) Standard Methods, 14th Edition, Method 301A IV; or

2) Inorganic Methods:

- A) Method 208.1; or

- B) Method 208.2, Atomic Absorption Furnace Technique; or

- 3) Inductively Coupled Plasma Method 200.7.

c) Cadmium:

- 1) ASTM Method D3557 A or B; or

- 2) Standard Methods, 14th Edition, Methods 301A II or III; or

3) Inorganic Methods:

- A) Method 213.1; or

- B) Method 213.2, Atomic Absorption Furnace Technique; or

- 4) Inductively Coupled Plasma Method 200.7.

d) Chromium:

- 1) ASTM Method D 1687; or

- 2) Standard Methods, 14th Edition, Methods 301A II or III; or

3) Inorganic Methods:

- A) Method 218.1; or

- B) Method 218.2, Atomic Absorption Furnace Technique; or

- 4) Inductively Coupled Plasma Method 200.7.

e) Lead:

- 1) ASTM Method D 3559 A or B; or

- 2) Standard Methods, 14th Edition, Methods 301A II or III; or

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- 3) Inorganic Methods:
- A) Method 239.1; or
 - B) Method 239.2, Atomic Absorption Furnace Technique.
- 4) Inductively Coupled Plasma Method 200.7.
- f) Mercury:
- 1) ASTM Method D 3223; or
 - 2) Standard Methods, 14th Edition, Method 301A VI, Cold Vapor Technique; or
- 3) Inorganic Methods:
- A) Method 245.1; or
 - B) Method 245.2, Automated Cold Vapor Technique.
- g) Nitrate:
- 1) ASTM:
 - A) Method D 3867 A or B; or
 - B) Method D 992; or
 - 2) Standard Methods, 14th Edition:
 - A) Method 419C, Spectrometric, Cadmium Reduction;
 - B) Method 419D, Colorimetric Brucine; or
 - C) Method 605, Automated Cadmium Reduction.
 - 3) Inorganic Methods:
 - A) Method 352.1; or
 - B) Method 353.1, Automated Hydrazine Reduction; or
 - C) Method 353.2; or
 - D) Method 353.3; or

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- h) Selenium:
- 1) Inorganic Methods
 - A) Method 270.2, Atomic Absorption Furnace Technique; or
 - B) Method 270.3; or
 - 3) USGS Methods, Method I-1667-78, pp. 237-239; or
 - 4) ASTM Method D 3859; or
 - 5) Standard methods, 14th Edition, Method 301A VII, Hydride Generation - Atomic Absorption Spectrophotometry.
- i) Silver:
- 1) Standard Methods, 14th Edition, Methods 301A II; or
 - 2) Inorganic Methods:
 - A) Method 272.1; or
 - B) Method 272.2, Atomic Absorption Furnace Technique; or
 - 3) Inductively Coupled Plasma Method 200.7.
- j) Fluoride:
- 1) ASTM D 1179 A or B; or
 - 2) Standard Methods, 16th Edition:
 - A) Methods 43A and 43C;
 - B) 413B; or
 - C) 413E; or
 - 3) Inorganic Methods:
 - A) Method 340.1;
 - B) Method 340.2;
 - C) Method 340.3; or
 - 4) Technicon Methods, Methods 129-71W or 380-75WE

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

NOTICE OF PROPOSED AMENDMENTS

BOARD NOTE: Derived from 40 CFR 141.23(f) (1989).

k) Manganese:

- 1) ASTM D 858;
- 2) Standard Methods, 16th Edition, Method 303A.
- 3) Inorganic Methods: Methods 243.1 or 243.2; or
- 4) Inductively Coupled Plasma Method 200.7.

BOARD NOTE: These methods are used for additional State requirements.

l) Iron:

- 1) Inorganic Methods: 236.1 or 236.2; or
- 2) Inductively Coupled Plasma Method 200.7.
- 3) Standard Methods, 16th Edition, Method 303A

BOARD NOTE: These methods are used for additional State requirements.

m) Copper:

- 1) ASTM D 1688 D or E;
- 2) Standard Methods, 16th Edition:

- A) Methods 303A or B;
- B) Method 304; or

BOARD NOTE: These methods are used for additional State requirements.

- 3) Inorganic Methods: 220.1 or 220.2; or
- 4) Inductively Coupled Plasma Method 200.7.

n) Zinc:

- 1) Inorganic Methods 289.1 or 289.2; or

- 2) Standard Methods, 16th Edition, Method 303A

BOARD NOTE: These methods are used for additional State requirements.

o) Cyanide:

- 1) Inorganic Method 335.2; or
- 2) Standard Methods, 16th Edition, Method 412D

BOARD NOTE: These methods are used for additional State requirements.

(Source: Amended at 14 Ill. Reg. , effective)

Section 611.610 Special Monitoring for Sodium

- a) CWS suppliers shall collect and analyze one sample per plant at the entry point of the distribution system for the determination of sodium concentration levels; samples must be collected and analyzed annually for CWSs utilizing surface water sources in whole or in part, and at least every three years for CWSs utilizing solely groundwater sources. The minimum number of samples required to be taken by the supplier is based on the number of treatment plants used by the supplier, except that multiple wells drawing raw water from a single aquifer may, with the Agency approval, be considered one treatment plant for determining the minimum number of samples. The Agency shall require the supplier to collect and analyze water samples for sodium more frequently in locations where the sodium content is variable.

- b) The CWS supplier shall report to the Agency the results of the analyses for sodium within the first 10 days of the month following the month in which the sample results were received or within the first 10 days following the end of the required monitoring period as specified by special exception permit, whichever of these is first. If more than annual sampling is required the supplier shall report the average sodium concentration within 10 days of the month following the month in which the analytical results of the last sample used for the annual average was received.

- c) The CWS supplier shall notify the Agency and appropriate local public health officials of the sodium levels by written notice by direct mail within three months. A copy of each notice required to be provided by this subsection must be sent to the Agency within 10 days of its issuance.

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

- d) Analyses for sodium must be performed by the following methods, incorporated by reference in Section 611.102:
- 1) Standard Methods, 14th Edition, Method -225B-320 and 320A, flame photometric method;
 - 2) Inorganic Methods:
 - A) Method 273.1, Atomic Absorption - Direct Aspiration; or
 - B) Method 273.2, Atomic Absorption - Graphite Furnace; or
 - 3) ASTM Method D1428.
- BOARD NOTE: Derived from 40 CFR 141.41 (1989).
- (Source: Amended at 14 Ill. Reg. , effective)

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.720 Analytical Methods

- a) The methods specified below, incorporated by reference in Section 611.102, are to be used to determine compliance with Sections 611.330 and 611.331, except in cases where alternative methods have been approved in accordance with Section 611.480.

- 1) Radiochemical Methods;
- 2) Standard Methods, 13th Edition:
 - A) Gross Alpha and Beta: Method 302;
 - B) Total Radium: Method 304;
 - C) Radium-226: Method 305;
 - D) Strontium-89,90: Method 303;
 - E) Tritium: Method 306.
- 3) ASTM Methods:
 - A) Cesium-134: ASTM D-2459;
 - B) Uranium: ASTM D-2907.

- b) When the identification and measurement of radionuclides other than

POLLUTION CONTROL BOARD

NOTICE OF PROPOSED AMENDMENTS

those listed in subsection (a) is required, the following methods, incorporated by reference in Section 611.102, are to be used, except in cases where alternative methods have been approved in accordance with Section 611.480:

- 1) "Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions", available from -USEPA-NTIS.
- 2) HASL Procedure Manual, HASL 300.
- c) For the purpose of monitoring radioactivity concentrations in drinking water, the required sensitivity of the radioanalysis is defined in terms of a detection limit. The detection limit must be that concentration which can be counted with a precision of plus or minus 100 percent at the 95 percent confidence level (1.96 sigma where sigma is the standard deviation of the net counting rate of the sample).
- 1) To determine compliance with Section 611.330(a) the detection limit must not exceed 1 pCi/L. To determine compliance with Section 611.330(b) the detection limit must not exceed 3 pCi/L.
- 2) To determine compliance with Section 611.331 the detection limits must not exceed the concentrations listed in that Section.
- d) To judge compliance with the MCLs listed in Sections 611.330 and 611.331, averages of data must be used and must be rounded to the same number of significant figures as the MCL for the substance in question.

BOARD NOTE: Derived from 40 CFR 141.25 (1989).

(Source: Amended at 14 Ill. Reg. , effective)

1) Heading of the Part:

Emergency Medical Services Code

2) Code Citation:

77 Ill. Adm. Code 535

3) Section Numbers:

535.60
535.150
535.200
535.215

Proposed Action:

Amendments
Amendments
Amendments
New Section

4) Statutory Authority:

Emergency Medical Services Systems Act
Ill. Rev. Stat. 1989, ch. 111 1/2, par. 5501 et seq.

5) A Complete Description of the Subjects and Issues Involved:

The Emergency Medical Services program includes rules for the licensure of ambulances, the certification of ambulance personnel (EMTs) and the approval of EMS Systems. The proposed changes to these rules will provide more flexibility to EMS Systems.

In Section 535.60 (a)(6), cellular telephone has been added as an option for EMS communications.

In Section 535.150 (b)(1)(A)(ii), dimensions of the patient litter have been increased to comply with Federal Standards.

In Section 535.150 (b)(1)(A)(iv), language has been added to require fasteners to be "crash stable, quick release" in accordance with Federal Standards.

In Section 535.150 (b)(2)(B)(ii), the words "and regulator" have been added for portable oxygen delivery.

In Section 535.150 (b)(3)(B)(vi), language prohibiting manually operated portable suction devices has been deleted.

In Section 535.200 (k)(18), a sentence has been added to reference the new Section 535.215.

Section 535.215 has been added to permit use of new drugs or equipment by EMS Systems.

The economic effect of this proposed rulemaking is unknown. Therefore, the Department requests any information that would assist in calculating this effect.

The Department anticipates that this proposed rulemaking will become effective approximately six to nine months from the date of publication as proposed in the Illinois Register.

6) Will this Rulemaking Replace an Emergency Rule Currently in Effect?

Yes ☐ No ☒

7) Does this Rulemaking Contain an Automatic Repeal Date? Yes ☐ No ☒

If "yes," please specify the date: _____

8) Does this Rulemaking Contain Any Incorporations By Reference?

Yes ☐ No ☒

If "yes," please specify type: 6.02(a) ☐ or 6.02(b) ☐

9) Are there any other Proposed Amendments Pending on this Part?

Yes ☐ No ☒

If Yes:

Section Numbers	Proposed Action	Ill. Reg. Citation
-----------------	-----------------	--------------------

10) Statement of Statewide Policy Objectives:

The proposed rulemaking will affect hospitals and ambulance services owned by units of local government.

11) Time, Place, and Manner in which Interested Persons May Comment on this Rulemaking:

Interested persons may present their comments concerning these rules by writing to Mr. Robert John Kane, Division of Governmental Affairs, Illinois Department of Public Health, 525 West Jefferson, Second Floor, Springfield, Illinois 62761 within 45 days after this issue of the Illinois Register.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

These rules may have an impact on small businesses. In accordance with Sections 3.01 and 4.03 of the Illinois Administrative Procedure Act, any small business may present their comments in writing to Robert John Kane at the above address.

Any small business (as defined in Section 3.10 of the Illinois Administrative Procedure Act) commenting on these rules shall indicate their status as such, in writing, in their comments.

12) Initial Regulatory Flexibility Analysis:

- A) Date Rulemaking was Submitted to the Business Assistance Office of the Department of Commerce and Community Affairs:

September 21, 1990

- B) Type of Small Businesses Affected:

Hospitals, ambulance providers.

- C) Reporting, Bookkeeping or Other Procedures Required for Compliance:

Reporting required when death or serious complication results from use of new drugs or equipment and quarterly reports on conditionally-approved drugs or equipments.

- D) Types of Professional Skills Necessary for Compliance:

None.

The full text of the Proposed Amendments begins on the next page:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER F: EMERGENCY SERVICES AND HIGHWAY SAFETY

PART 535

EMERGENCY MEDICAL SERVICES CODE

SUBPART A: GENERAL

Section	Definitions
535.10	
535.20	Incorporated Materials

SUBPART B: COMMUNICATIONS

Section	General Communications
535.50	
535.60	EMS Systems Communications

SUBPART C: LICENSURE OF AMBULANCE SERVICE PROVIDERS

Section	Licensure of Ambulance Service Providers - General
535.100	Dental, Nonrenewal, Suspension and Revocation of Ambulance Service Providers
535.110	
535.120	Renewal of License
535.130	Renewal of License Denied (Repealed)
535.140	Revocation of License (Repealed)
535.150	Ambulance Licensing Requirements

SUBPART D: EMERGENCY MEDICAL SERVICES SYSTEM PROGRAM

Section	Emergency Medical Services System Program - General
535.200	EMS System Program Plan
535.210	Approval of Additional Drugs and Equipment
535.215	Additions to an Approved Program
535.220	EMS System Personnel Standards
535.230	Minimum Standards for Continuing Operation
535.240	Resolution of Conflicts (Repealed)
535.250	System Participation Suspensions
535.260	System Review Board
535.265	State EMS Disciplinary Review Board
535.270	

SUBPART E: EMERGENCY MEDICAL TECHNICIAN - AMBULANCE (EMT-A)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section
 535.300 Emergency Medical Technician - Ambulance Training - General
 535.310 EMT-A Testing
 535.315 Fee For Testing
 535.320 EMT-A Certification
 535.330 EMT-A Recertification
 535.335 EMT-A Continuing Education
 535.340 Failure to Recertify - Denial of Recertification
 535.350 Penalty (Repealed)

SUBPART F: EMERGENCY MEDICAL TECHNICIAN - INTERMEDIATE (EMT-I)

Section
 535.400 Emergency Medical Technician - Intermediate Training - General
 535.410 EMT-I Testing
 535.415 Fee For Testing
 535.420 EMT-I Certification
 535.430 EMT-I Recertification
 535.432 EMT-I Continuing Education
 535.435 Failure to Recertify - Denial of Recertification
 535.440 EMT-I Inactive Status
 535.450 Penalty (Repealed)

SUBPART G: EMERGENCY MEDICAL TECHNICIAN - PARAMEDIC (EMT-P)

Section
 535.500 Emergency Medical Technician - Paramedic Training - General
 535.510 EMT-P Testing
 535.515 Fee For Testing
 535.520 EMT-P Certification
 535.530 EMT-P Recertification
 535.532 EMT-P Continuing Education
 535.535 Failure to Recertify - Denial of Recertification
 535.540 EMT-P Inactive Status
 535.550 Penalty (Repealed)

SUBPART H: RECIPROCITY

Section
 535.600 Reciprocity

SUBPART I: SUSPENSION, REVOCATION AND DENIAL OF CERTIFICATION OF EMT

Section
 535.650 Suspension, Revocation and Denial of Certification of EMT

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

SUBPART J: DATA COLLECTION AND EVALUATION

Section
 535.700 Data Collection and Evaluation

SUBPART K: WAIVER PROVISIONS

Section
 535.750 Waiver Provisions

SUBPART L: REGISTERED PROFESSIONAL NURSE (FIELD RN/MICN)

Section
 535.800 General Provisions
 535.810 Field RN Training
 535.820 Field RN Testing
 535.830 Field RN Approval
 535.840 Field RN Renewal
 535.850 MICN Training
 535.860 MICN Approval
 535.870 Reciprocity

SUBPART M: CERTIFICATION OF SPECIALIZED EMERGENCY MEDICAL SERVICES VEHICLE (SEMSV) PROGRAMS

Section
 535.900 Certification of SEMSV Programs - General
 535.910 Denial, Nonrenewal, Suspension or Revocation of Certification
 535.920 SEMSV Program Certification Requirements for All Vehicles
 535.930 Helicopter and Fixed-Wing Aircraft Requirements
 535.931 EMS Pilot Specifications
 535.932 Aeromedical Crew Member Training Requirements
 535.933 Aircraft Vehicle Specifications and Operations
 535.934 Aircraft Medical Equipment and Drugs
 535.935 Vehicle Maintenance
 535.936 Aircraft Communications and Dispatch Center
 535.940 Watercraft Requirements
 535.941 Watercraft Vehicle Specifications and Operation
 535.942 Watercraft Medical Equipment and Drugs
 535.943 Watercraft Communications and Dispatch Center
 535.950 Off-Road SEMSV Requirements
 535.951 Off-Road Vehicle Specifications and Operation
 535.952 Off-Road Medical Equipment and Drugs
 535.953 Off-Road Communications and Dispatch Center

AUTHORITY: Implementing and authorized by the Emergency Medical Services (EMS) Systems Act (111. Rev. Stat. 1989, ch. 111 1/2, pars. 5501 et seq.).

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

SOURCE: Adopted at 5 Ill. Reg. 5670, effective May 19, 1983; amended and codified at 8 Ill. Reg. 11623, effective June 27, 1984; amended at 11 Ill. Reg. 1433, effective February 1, 1987; amended at 11 Ill. Reg. 17219, effective October 15, 1987; amended at 11 Ill. Reg. 20945, effective December 15, 1987; amended at 12 Ill. Reg. 22406, effective December 15, 1988; amended at 13 Ill. Reg. 15414, effective September 15, 1989; amended at 13 Ill. Reg. 15716, effective September 15, 1989; amended at 14 Ill. Reg. 15390, effective September 1, 1990; amended at 15 Ill. Reg. _____, effective _____.

NOTE: Capitalization denotes statutory language.

Section 535.60 EMS Systems Communications

All EMS Systems shall comply with the following requirements:

- a) The System's communications plan shall be submitted for approval to the Department's EMS Communications staff, and shall include the following in accordance with 47 CFR 90 (1988):
 - 1) A listing of access numbers for Emergency Medical Services including a description of plans to utilize or to implement a "911" System or CMED if or when available and a list of agencies involved;
 - 2) A description of the EMS vehicle dispatch system to be utilized;
 - 3) A description of communications interface with existing Systems;
 - 4) A description of plans to handle hospital-to-hospital communications;
 - 5) A complete and detailed communications equipment description;
 - 6) A general description of UHF or cellular telephone and back-up VHF radio capabilities, such as VHF or UHF radio, including Resource and Associate Hospital interconnections and control functions if any exist;
 - 7) A general description of paramedic input telephones including Resource and Associate Hospital interconnections if any exist;
 - 8) A general description of EMS vehicle dispatch communications including areas covered, mutual aid agreements, radio and telephone capabilities including radio channels used (i.e., 155.220MHz) and present and future 911 involvement;
 - 9) All mobile and portable communications equipment to be used by

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

EMS System personnel;

- 10) A detailed block diagram sketch or sketches showing all transmitters, receivers, antennas, control consoles, ECG demodulators, patient monitor equipment, recorders, telephones, couplers, with signal flow lines;
 - 11) Radio equipment specifications, including effective radiated power, antenna height, ground heights, antenna pattern, antenna direction, channels used, continuous tone-controlled squelch system tones, digital dial numbers;
 - 12) Modes of operation such as half-duplex and multiplex;
 - 13) Radio coverage maps showing locations of all transmitting and receiving equipment and control points;
 - 14) A general discussion concerning radio interference and steps taken to minimize it (i.e., the use of only short ECG transmissions, thus allowing several EMS units to use one channel, minimizing ERP and antenna height);
 - 15) Copies of FCC licenses or application, and
 - 16) A narrative description of the System's plans for informing the community of the EMS System program development, how citizens can gain access, and the ongoing operation of the System.
- b) EMS telecommunications equipment shall be configured to allow the Project Medical Director, or designee, to monitor all vehicle to hospital transmissions and hospital to vehicle transmissions within the System.
 - c) Resource and Associate Hospitals shall have an operational control point for a MERCI VHF/UHF base station, telemetry receiving and monitoring and any Associate to Resource intercom lines.
 - d) Physician direction shall be provided from the operational control point at an approved Resource or Associate Hospital (See Subpart C).
 - e) Telecommunications equipment necessary to fulfill the requirements of this Part shall be staffed and maintained 24-hours every day, including VHF and UHF base stations and their required telephone equipment.
 - f) EMS System personnel shall be capable of properly operating their respective communications equipment.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

- g) All telecommunications equipment shall be maintained to minimize breakdowns. Procedures shall be established to provide immediate action to be taken by operating personnel to ensure rapid restoration in case breakdowns do occur.
- h) Written protocols shall describe communications procedures for operation of the System, all base station control points, and field units. These protocols shall contain provisions for limiting the time of individual radio transmissions to include only necessary information transfer (i.e., short telemetry strips). Mobile base control points and mobile units shall have an easily accessible copy of the protocols pertaining to their stations.
- i) The Department shall approve channel assignments, effective radiated power, antenna height and locations, and tones in new Systems to insure radio coverage in approved program service area without causing interference in existing Systems.
- j) In existing Systems, the Department shall monitor and may require modifications in channel assignments, tones, antenna height and locations, and ERP to correct documented radio interference problems.

(Source: Amended at 15 Ill. Reg. _____, effective _____)

Section 535.150 Ambulance Licensing Requirements

a) Vehicle Design

- 1) Each vehicle used as an ambulance after the effective date of this Part shall comply with the criteria established by the U.S. General Services Administration's Specification for Ambulance (KKK-A-1822C), with the exception of the following sections:
1.2.1 Ambulance Type - "Star of Life"; 3.8.2 Ambulance Emergency Lighting; 3.16.2 Color, paint, and finish; 3.16.4 Emblems and Markings; and 3.22 as determined by the Department by an inspection.
- 2) Each vehicle that does not meet the U.S. General Services Administration's Ambulance Design Standards (KKK-A-1822C) as determined by the Department by an inspection, but is operational on the effective date of this Part shall be considered to be in compliance with this Part until there is a transfer of ownership.

b) Equipment Requirements - Basic Life Support Vehicles

Each ambulance used as a Basic Life Support vehicle shall meet the following equipment requirements, as determined by the Department by

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

an inspection:

- 1) Stretchers, Cots & Litters
- A) Primary Patient Litter
- i) Wheeled
 - ii) At least 75" to 80 3/4" long and 22 1/2" wide
 - iii) Allows for the head to be tilted upward to a 60° semi-sitting position
 - iv) Provided with a crash stable, quick release, 3 point fasteners-to-sidewall-and/or-floor
 - v) Designed to insure the frame or handle to permit up to four persons to carry the litter
- B) Secondary Patient Litter
- i) Shall be folding and/or collapsible type
- 2) Oxygen
- A) Installed
- i) Is supplied by at least 3000 liters of oxygen and tank is secured in at least 3 positions so as to provide maximum safety for patients and personnel. (M cylinder)
 - ii) Is equipped with a reducing valve (from 2000 PSI cylinder to 50 PSI) with pressure gauge
 - iii) Is equipped with yoke
 - iv) Has a pressure gauge flow meter that will deliver up to 15 liters per minute
 - v) Has humidifier with sterile water and unbreakable clear containers
 - vi) Has delivery tubes
 - vii) Has oxygen outlet accessible to the technician at the head of the primary litter
 - viii) Has one each adult, child and infant sized oxygen

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

masks that are semi-open, valveless, transparent and disposable

- ix) Has 3 each nasal cannulas

B) Portable

- i) Is of at least 300 litre capacity (D or E cylinder)
- ii) Is equipped with yoke
- iii) Has pressure gauge flow meter (not gravity-dependent) that will deliver up to 15 litres per minute
- iv) Has delivery tube
- v) Has one each adult, child and infant sized oxygen masks that are semi-open, valveless, transparent and disposable
- vi) Has an additional full 300 litre capacity cylinder carried on the vehicle (D or E cylinder)

3) Suction

A) Installed

- i) Is powerful enough to provide an airflow of over 20 liter/minute at the end of the delivery tube and a vacuum of over 300 mm Hg (11.811 inches) when the tube is clamped

- ii) Has vacuum adjustable for use with children and intubated patients

- iii) Has suction yoke, unbreakable collection bottle, water for rinsing, and suction tube accessible to the technician at the head of the primary litter

- iv) Has tube of sufficient length to reach the head of the primary and secondary litters

- v) Is fitted with large-bore, non-kinking, translucent suction tubing

- vi) Has 3 each sterile, single-use suction catheters with on/off control in small, medium and large sizes

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- vii) Has 3 each tonsil tip suction handles or catheters, single-use

- viii) Can be disassembled for ease of cleaning and decontamination

B) Portable

- i) Is powerful enough to provide an airflow of at least 12 litres per minute at the end of the suction tube, and a vacuum of at least 300 mm Hg (11.811 inches) to be reached within 12 seconds after tube is clamped
- ii) Has 3 each tonsil tip suction handles or catheters, single-use
- iii) Is fitted with large-bore, non-kinking, translucent suction tubing with sufficient length so that unit does not have to be placed on top of patient
- iv) Has an unbreakable collection bottle capable of holding at least 500 ml
- v) Has 3 each sterile, single-use suction catheters with on/off control in small, medium and large sizes
- vi) Operates from an integral battery supply which is rechargeable and will allow the unit to meet the air flow and suction requirements of this section for at least 15 minutes. Portable suction devices which require an operator to squeeze a bulb, pump a pedal, turn a crank, etc., are not acceptable

4) Medical Equipment

- A) Squeeze bag-valve-mask ventilation unit with transparent mask in sizes for adult, child/infant
- B) Lower-extremity traction splint, adult size
- C) Blood pressure cuff, 1 each, adult and pediatric, and gauge
- D) 2 each stethoscopes
- E) Pneumatic counter pressure trouser kit, adult size
- F) Long spine board with 2 each torso straps, 9 feet in length, wrist restraint(s), 1 each chin and head strap

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- G) Short spine board with 2 each torso straps, 9 feet in length, wrist restraint(s), 1 each chin and head strap or vest type (wrap around) extrication device kit
- H) Airway kits-select one (1)
- i) Oropharyngeal-adult, child and infant sizes
 - ii) Mouth-to-mouth artificial ventilation - adult, child and infant sizes, commonly referred to as "S" tubes or resuscit-tubes
- I) Bandage shears, 1 each
- J) Padded board splints, 2 each 15"x3" (or equivalent)
- K) Padded board splint, 1 each 4'6"x3" (or equivalent)
- L) Rigid cervical collars - 1 each, small, medium and large sizes. Shall be made of rigid material to minimize flexation, extension and lateral rotation of the head and cervical spine when spine injury is suspected
- M) Sand bags - 4 each, about 4 inches in width, 2 inches in thickness and 12 inches in length or lateral C-Spine and head immobilization device(s)
- N) Patient restraints, arm and leg, sets
- O) Hypothermic thermometer or electronic thermometer capable of aiding in the diagnosis of hypothermia - 1 each
- 5) Medical Supplies
- A) Trauma dressing - 5 each
 - B) Sterile gauze pads - 20 each, 4 inches by 4 inches
 - C) Bandages, soft roller, self adhering-type, 10 each, 6 inches by 5 yards
 - D) Vaseline gauze - 2 each, 3 inches by 8 inches
 - E) Adhesive tape rolls - 2 each
 - F) Triangular bandages or slings- 5 each
 - G) Burn sheets - 2 each, sterile

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- H) Sterile solution (normal saline) - 4 each, 500 cc or 2 each, 1,000 cc plastic bags
- I) Aluminum foil roll or Silver Swaddler - 1 each
- J) Bite sticks - 2 each
- K) Obstetrical kit, sterile - 1 each, pre-packaged with instruments
- L) Syrup of Ipecac, 1 each
- M) Cold packs, 3 each
- N) Emesis basin - 1 each
- O) Drinking water - 1 quart, in non-breakable container, Sterile water may be substituted
- P) Disposable drinking cups - 5 each
- Q) Ambulance emergency run reports - 10 each, with space for the following minimum information:
- i) Signatures of EMTs present on the ambulance run and their Illinois certification numbers or identifier numbers
 - ii) Time left garage
 - iii) Time on scene/time left scene
 - iv) Time arrived at receiving facility
 - v) Six-digit ambulance license number (Secretary of State issued)
 - vi) Blood pressure, pulse, skin condition and respiration of the patient upon arrival at the scene
 - vii) Level of consciousness
 - viii) Chief complaint of the patient
 - ix) Treatment rendered by the EMTs present
- R) Pillows - 2 each, for ambulance cot

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

- S) Pillowcases - 2 each, for ambulance cot
- T) Sheets - 2 each, for ambulance cot
- U) Blankets - 2 each, for ambulance cot
- V) CPR mask - 1 each, with safety valve to prevent backflow of expired air and secretions
- W) Hot packs - 3 each
- X) Urinal - 1 each
- Y) Bedpan - 1 each
- Z) Remains bag - 1 each
- AA) Non-porous disposable gloves
- BB) Isolation bag
- CC) Face protection

c) Equipment Requirements - Intermediate and Advanced Life Support Vehicles

Each ambulance used as an Intermediate Life Support vehicle or as an Advanced Life Support vehicle shall meet the requirements in subsection (b) and shall also comply with the equipment and supply requirements as determined by the Project Medical Director in the System in which the ambulance and its crew participate.

d) Equipment Requirements - Rescue and/or Extrication

Each ambulance shall document the mechanism and agency that provides rescue services, and carry the following:

- 1) Wrench, 12" with adjustable open end
- 2) Screwdriver, 12" with regular blade
- 3) Screwdriver, 12" Phillips type
- 4) One of these:
 - A) Hammer, 3-pound, with 15" handle
 - B) Fire axe, flat head

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

- C) Wrecking bar, 24"
- 5) Goggles for eye safety
- 6) Fire extinguisher - 2 each, ABC dry chemical, minimum 5 pound unit with quick release brackets. One mounted in driver compartment and one in patient compartment
- 7) Flashlight - 1 each, battery powered 6 volt, stand-up lantern type

e) Equipment Requirements - Communications Capability

Each ambulance must have ambulance to hospital radio communications capability and meet the requirements provided in Section 535.50 of this Part.

f) Personnel Requirements

- 1) Each ambulance shall be staffed by two EMTs, Field RNs or physicians on all emergency calls.
- 2) Each ambulance used as an Intermediate Life Support vehicle shall be staffed with a minimum of one EMT-I, Field RN or physician and one other EMT, Field RN or physician. Each ILS vehicle using defibrillation shall be staffed by a minimum of one EMT-I approved by the Project Medical Director for defibrillation, a Field RN or physician and one other EMT, Field RN or physician. Each ambulance used as an Advanced Life Support vehicle shall be staffed by a minimum of one EMT-P, Field RN or physician and one other EMT, Field RN or physician.

- 3) Each ambulance provider that operates an emergency transport vehicle shall ensure through written agreement with the EMS System that the agency providing emergency care at the scene and en route to a hospital meets the requirements of this Subpart.

g) Operational Requirements

- 1) Any operation of an ambulance while transporting a patient to a hospital shall be done in accordance with the requirements of the Act and this Part.
- 2) A licensee shall operate its ambulance in compliance with this Part, twenty-four hours a day, every day of the year.
- 3) For each patient transported to a hospital, the ambulance staff shall, at a minimum, measure and record the patient's blood

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- pressure, pulse, respiration, skin condition, level of consciousness, chief complaint and any treatment rendered.
- 4) A licensee shall provide emergency service within the service area on a per need basis without regard to the patient's ability to pay for such service.
 - 5) A licensee shall provide documentation of procedures to be followed when a call for service is received and a vehicle is not available, including copies of mutual aid agreements with other ambulance providers.
- AGENCY NOTE: Any provider may request a waiver of any requirements in this Section under the provisions of Section 535.750. Examples of situations in which waivers of the requirement that ambulances carry pneumatic counter pressure trouser kits will be granted are as follows: When the Department is notified that a hospital or Project Medical Director will not order the use of a pneumatic counter pressure trouser kit or M.A.S.T. trousers by emergency medical personnel on a Basic Life Support Vehicle; and that a waiver is necessary to allow adequate time or progressive procurement of the pneumatic counter pressure trouser kits over a period of one to three years for those ambulance agencies that claim financial hardship.

(Source: Amended at 15 Ill. Reg. _____, effective _____)

SUBPART D; Emergency Medical Services Program - General

Section 535.200 Emergency Medical Services System Program - General

- a) The provisions of this Subpart shall apply to all hospitals, ambulance providers and personnel participating in the delivery of Advanced Life Support/Mobile Intensive Care and/or Intermediate Life Support/Mobile Intensive Care to the sick and injured at the scene of an emergency, during transport to a hospital or during inter-hospital transport, and within a hospital emergency department until the responsibility for the care of the patient is assumed by the medical personnel at the receiving hospital.
- b) The emergency care described in subsection (a) shall only be offered or rendered through an approved Emergency Medical Services (EMS) System. An EMS System shall not become operational nor shall any training of System personnel begin until a letter of approval has been issued by the Department.
- c) An applicant for EMS System approval shall submit to the Department three copies of a written System Program Plan signed by the Project Medical Director which includes all of the information and

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- documentation required by Section 535.210 of this Subpart.
- d) An approved System which desires to modify its System Program Plan shall submit to the Department a written amendment signed by the Project Medical Director, along with a written statement of approval from its AHES Committee. A System shall not implement a modification to its approved Program Plan until a letter of approval has been issued by the Department.
 - e) After receiving a Program Plan for a proposed EMS System or an amendment to an approved System Program Plan, the Department shall notify the applicant or System within thirty (30) days if its Program Plan or amendment is incomplete. Such notice shall include a description of the information or documentation needed to complete the Program Plan or amendment.
 - f) After receiving a complete Program Plan for a proposed EMS System or amendment to an approved System Program Plan, the Department shall issue a letter of approval or disapproval within 120 days. A letter of disapproval shall include the reasons for disapproval. The Department shall approve EMS Systems which meet the requirements of this Part and the Act.
 - g) The Department shall not review requests for equipment or training grants until a letter of approval has been issued by the Department.
 - h) The Department shall inspect, pursuant to a complaint filed with the Department or as it deems necessary to verify compliance with the Act and this Part, any equipment, records or vehicles used or maintained by a proposed or approved EMS System or by any provider participating in a proposed or approved EMS System. Routine inspections shall be conducted no more often than every three years.
 - i) Letters of commitment required in Section 535.210 shall be updated at least every three years.
 - j) A hospital is not required to join an AHES committee. However, if it has elected to do so, the hospital shall comply with its commitments as outlined in the plan administered by the AHES committee and shall be subject to the provisions of subsection (d) and Sections 535.210(e) and 535.220 of this Part.
 - k) For the purposes of this Part, changes in any of the following shall be considered modifications of a System Program Plan:
 - 1) Resource Hospital, Associate Hospital or Participating Hospital,
 - 2) Project Medical Director,

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 3) AHES participation,
- 4) System service area (See Section 535.210 (f) of this Part),
- 5) Written standing orders (See Section 535.210 (m) (1) of this Part),
- 6) Methods(s) of providing EMS services (See Section 535.210 (i) of this Part),
- 7) Specific role(s) of Associates or Participating Hospital(s),
- 8) Role(s) of specific ambulance providers (See Section 535.210 (k)(2) of this Part),
- 9) Response areas of specific ambulance providers (See Section 535.210 (k)(3) of this Part),
- 10) Access and dispatch procedures and mechanism (See Section 535.210 (k)(14) of this Part),
- 11) Communications plan (See Sections 535.60 (a)(1) through (14), (n) and (i), 535.210 (m)(4)(B) and (C) of this Part),
- 12) Equipment and drug requirements (See Section 535.210 (m)(2) of this Part),
- 13) System training, continuing education and examination requirements,
- 14) Quality Assurance policies (See Section 535.210 (m)(5) of this Part),
- 15) Data collection and evaluation policies (See Section 535.210 (m)(6) of this Part),
- 16) Override policies (See Section 535.210 (m)(7)(8) of this Part),
- 17) Disciplinary/suspension policies or procedures (See Section 535.210 (m)(9) of this Part).
- 18) The addition of drugs or equipment pursuant to Section 535.215 of this Part, and new written standing medical orders concerning those new drugs or equipment.

(Source: Amended at 15 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

535.215 Approval of Additional Drugs and Equipment

- a) The use of all drugs and equipment, other than those covered by the United States Department of Transportation National Standard Curriculum for each EMT level of certification, must be approved by the Department before being used in a System.
- b) To apply for approval to add drugs and/or equipment, the PMD shall submit to the Department documentation covering the following.
 - 1) Training program including a description of practical training for equipment and the number of contact hours.
 - 2) A curriculum for each new drug or equipment, which includes at least the following (as applicable):
 - A) Usage
 - B) Complications
 - C) Adverse reactions
 - D) Equipment maintenance and use
 - 3) Lead instructor and resume.
 - 4) Examinations, including a practical exam for equipment.
 - 5) Continuing education.
 - 6) Quality assurance - methods for monitoring the use of new drugs or equipment, and routinely reevaluating the EMT's skill and knowledge.
 - 7) New written standing orders.
 - 8) Procedures for notifying all system participants of new drugs or equipment.
- c) Upon receipt of the application from the System, the Director or his/her designee will either approve the drug and/or equipment, approve the drug and/or equipment on a conditional basis, or disapprove the drug and/or equipment. The Director may seek the recommendations of medical specialists, and/or other professional consultants to determine whether to approve or disapprove the specific drug(s) and/or equipment.
- d) The Director or designee shall consider whether the drugs and equipment may be used safely and with proper training by the pre-hospital care provider, will disapprove any treatment which

ILLINOIS REGISTER

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

he finds is generally unsafe or dangerous to be performed in the pre-hospital care setting.

- e) When a drug and/or equipment is approved on a conditional basis, the System must submit to the Department on a quarterly basis, the following information:

- 1) Indications for use
- 2) Number of times used.
- 3) Number and types of complications which occurred.
- 4) Outcome of patient after use of drug and/or equipment.
- 5) Description of follow-up actions taken by the System on each case in which complications occurred.

- f) When a death or complication which results in a deterioration of a patient's condition occurs, involving a drug and/or equipment approved on a conditional basis, the System will notify the Department within three (3) business days, followed by a written report of the situation and submit that to the Department within ten (10) business days.

- g) Failure of the System to submit the information required under subsection (e) or to notify the Department as required under subsection (f) may be considered as a basis for withdrawal of approval of the procedure on a conditional basis.

- h) The Director or designee will evaluate the information submitted under subsection (e) and any notification required under subsection (f). The Department will notify the facility that a procedure is disapproved and may no longer be performed on a conditional basis, when the evaluation of the information submitted pursuant to subsection (h) indicates that the safety of the procedure has not been established for use in the prehospital setting.

- i) The System may appeal a decision by the Director under this Section by requesting a hearing on the decision within thirty (30) days of notification of the decision. Hearings on appeals will be conducted by the Department in accordance with the Department's administrative hearing rules (77 Ill. Adm. Code 100).

- j) A PMD shall not approve an EMT to use new drugs or equipment unless that EMT has completed the Department approved training program and examination, and has demonstrated the required knowledge and skill to use that drug or equipment safely and effectively.

ILLINOIS REGISTER

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- k) A PMD shall not be required to provide new drug or equipment training to System EMTs who will not be utilizing the new drugs or equipment.

(Source: Added at 15 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTSDEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS1) Heading of Part:

Hospital Licensing Requirements

2) Code Citation:

77 Ill. Adm. Code 250

3) Section Numbers:

250.120	Amendments
250.210	Amendments
250.240	Amendments
250.310	Amendments
250.510	Amendments
250.525	Amendments
250.725	Amendments
250.1510	Amendments

4) Statutory Authority:

Hospital Licensing Act

Ill. Rev. Stat. 1989, ch. 111 1/2, par. 142 et seq.

5) A Complete Description of the Subjects and Issues Involved:

The Department of Public Health is proposing changes in the rules governing the licensure of hospitals to address two issues which have arisen in the administration of these rules and to implement recent changes in the Hospital Licensing Act.

Records and Hospital Closure

The first issue concerns the handling of patient medical records and medical staff credentialing files when a hospital closes. Problems have been encountered in locating patient medical records from hospitals which have closed. Physicians have also experienced problems in obtaining their credentialing files. The Department believes that the current requirement in Section 250.120(k) is inadequate in addressing these problems. This provision simply states, "Medical records should be preserved."

The Department proposes replacing the current provision in Section 250.120(k) with a more comprehensive requirement that a hospital which intends to close must implement policies for preservation of patient medical records and medical staff credentialing files. This proposed provision will be supplemented by the proposed addition of related

provisions in Section 250.310(a)(16) and Section 250.1510(d)(2), which will require hospitals to develop the required policies.

Physician and Employee Assistance

The second issue addressed by these proposed amendments concerns employee and physician assistance programs. The proposed addition of Section 250.210(e) and Section 250.310(a)(15) will require hospitals to make assistance programs available for both employees and medical staff members. The availability of assistance programs is an important factor in insuring quality care for patients by providing a mechanism for addressing impaired physicians and other employees. Currently many hospitals have such programs available; however, the addition of a regulatory requirement will insure that such programs are available to all hospital employees and medical staff members and will facilitate quality care for patients.

Statutory Changes

The proposed addition of subsection (d) in Section 250.240 is intended to implement Public Act 86-487 (House Bill 302), which added Section 6.09a to the Hospital Licensing Act and became effective January 1, 1990. These changes require hospitals to provide notification of discharge to patients who qualify for the federal Medicare program. The notification would generally be required not less than 24 hours prior to the discharge.

The proposed addition of subsection (c) in Section 250.240 and the proposed amendments to Section 250.510(e) are intended to implement two public acts which require hospitals to offer specific laboratory tests to patients. These changes will also consolidate the provisions on required testing into a single location. Recent statutory changes which are being implemented by these amendments were included in Public Act 86-764 (Senate Bill 1198), which added Section 6.09b to the Hospital Licensing Act and became effective January 1, 1990, requiring hospitals to offer testing for infection with Human Immunodeficiency Virus (HIV). The changes also add requirements which were enacted in Public Act 78-292, which added Section 55.31 to the Civil Administrative Code and became effective October 1, 1973. This statutory provision requires hospitals to offer uterine cytologic examinations for cancer to certain patients, but has not previously been included in the Department's licensure rules. Changes to correct internal cross-references and numbering in Section 250.510 are also included in these proposed amendments.

Proposed changes in Section 250.310(a)(1)(D) are intended to implement Public Act 86-692 (Senate Bill 177), which amended Section 10.4 of the Hospital Licensing Act and became effective January 1, 1990. These changes revise the required procedures for granting medical staff

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

privileges for persons who enter the hospital to obtain organs for transplant. Specifically, the changes eliminate the requirement that the hospital request information from the Department of Professional Regulation concerning these individuals.

The proposed amendments to Section 250.525 change the provisions concerning designated blood donor programs. The changes will require hospitals to offer these programs on a permanent basis, eliminating the automatic repeal of these provisions. The changes implement Public Act 86-719 (Senate Bill 597), which amended Section 11.2 of the Hospital Licensing Act and became effective September 1, 1989.

The Department is also proposing changes in Section 250.725, which requires hospitals to notify emergency personnel of exposure to communicable diseases. These changes will add police officers to the individuals who must be notified. The changes are intended to implement Public Act 86-887 (House Bill 413), which amended Section 6.08 of the Hospital Licensing Act and became effective January 1, 1990.

In addition, Section 3 of the Hospital Licensing Act has been amended by Public Act 86-848 (Senate Bill 1329), which became effective September 7, 1989. These changes exclude separately-licensed alcoholism treatment programs from the definition of "hospital." No changes in the rules are necessary to implement this statutory change.

Other changes in these proposed rules correct typographical errors and improper cross-references in the rules. The Department anticipates little, if any, economic impact of these proposed amendments on the persons regulated. The Department anticipates adoption of this rulemaking approximately six to nine months after the publication of this notice in the Illinois Register.

- 6) Will these Proposed Amendments Replace an Emergency Rule Currently in Effect? No.
- 7) Does this Rulemaking contain an Automatic Repeal Date? No.
The rulemaking eliminates an automatic repeal date which is contained in Section 250.525(d).
- 8) Do these Proposed Amendments Contain Incorporations By Reference? No.
- 9) Are there any other Proposed Amendments Pending on this Part? No.
- 10) Statement of Statewide Policy Objectives:

This rulemaking neither creates nor expands a state mandate.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 11) Time, Place, and Manner in which Interested Persons May Comment on this Proposed Rulemaking:

Interested persons may present their comments concerning these rules by writing to Robert John Kane, Division of Governmental Affairs, Illinois Department of Public Health, 525 West Jefferson, Second Floor, Springfield, Illinois 62761, within 45 days after this edition of the Illinois Register.

These rules may have an impact on small businesses. In accordance with Sections 3.01 and 4.03 of the Administrative Procedure Act, any small business may present their comments in writing to Robert John Kane at the above address.

Any small business (as defined in Section 3.10 of the Administrative Procedure Act) commenting on these rules shall indicate their status as such, in writing, in their comments.

- 12) Initial Regulatory Flexibility Analysis:

A) Date Rule was Submitted to the Business Assistance Office of the Department of Commerce and Community Affairs:
September 21, 1990

B) Type of Small Businesses Affected:

Hospitals

C) Reporting, Bookkeeping or Other Procedures Required for Compliance:

No additional reporting, bookkeeping or other procedures are required for compliance.

D) Types of Professional Skills Necessary for Compliance:

No additional professional skills are necessary for compliance.

The full text of the Proposed Amendments begins on the next page:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER b: HOSPITALS AND AMBULATORY CARE FACILITIESPART 250
HOSPITAL LICENSING REQUIREMENTS

SUBPART A: GENERAL

Section	Application for and Issuance of an Initial Permit to Establish a Hospital
250.110	
250.120	Application for and Issuance of a License to Operate a Hospital
250.130	Administration by the Department
250.140	Hearings
250.150	Definitions
250.160	Incorporated and Referenced Materials

SUBPART B: ADMINISTRATION AND PLANNING

Section	The Governing Board
250.210	Accounting
250.220	Planning
250.230	Admission and Discharge General
250.240	Visiting Rules
250.250	Patients' Rights
250.260	Manuals of Procedure
250.270	

SUBPART C: THE MEDICAL STAFF

Section	Organization
250.310	Supervision of House Staff Members
250.315	Admission and Supervision of Patients
250.320	Orders for Medications and Treatments
250.330	Availability for Emergencies
250.340	

SUBPART D: PERSONNEL SERVICE

Section	Organization
250.410	Personnel Records
250.420	Duty Assignments
250.430	Education Programs
250.440	Personnel Health Requirements
250.450	Benefits
250.460	

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

SUBPART E: LABORATORY

Section	Laboratory Services
250.510	Blood and Blood Components
250.520	Designated Blood Donor Program
250.525	Proficiency Survey Program
250.530	Laboratory Personnel
250.540	Western Blot Assay Testing Procedures
250.550	

SUBPART F: RADIOLOGICAL SERVICES
(Relating to Radiology or Nuclear Radiation)

Section	General Diagnostic Procedures and Treatments
250.610	Radioactive Isotopes
250.620	General Policies and Procedures Manual
250.630	

SUBPART G: ~~GENERAL HOSPITAL~~ EMERGENCY SERVICES ~~SERVICE~~

Section	Classification of Emergency Services
250.710	General Requirements
250.720	Notification of Emergency Paramedics and Ambulance Personnel
250.725	Community or Area-wide Planning
250.730	Disaster and Mass Casualty Program
250.740	Emergency Services for Sexual Assault Victims
250.750	

SUBPART H: RESTORATIVE AND REHABILITATION SERVICES

Section	Applicability of Other Parts of These Requirements
250.810	General
250.820	Classifications of Restorative and Rehabilitation Services
250.830	General Requirements for all Classifications
250.840	Specific Requirements for Comprehensive Physical Rehabilitation Services
250.850	Medical Direction
250.860	Nursing Care
250.870	Additional Allied Health Services
250.880	

SUBPART I: NURSING SERVICE AND ADMINISTRATION

Section	Nursing Services
250.910	Organizational Plan
250.920	Role in hospital planning
250.930	

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

250.940 Job descriptions
250.950 Nursing committees
250.960 Specialized nursing services
250.970 Nursing Care Plans
250.980 Nursing Records and Reports
250.990 Unusual Incidents
250.1000 Meetings
250.1010 Education Programs
250.1020 Licensure
250.1030 Policies and Procedures
250.1040 Patient Care Units
250.1050 Equipment for Bedside Care
250.1060 Drug Services on Patient Unit
250.1070 Care of Patients
250.1080 Admission Procedures Affecting Care
250.1090 Sterilization and Processing of Supplies
250.1100 Infection Control

SUBPART J: SURGICAL AND RECOVERY ROOM SERVICES

Section
250.1210 Surgery
250.1220 Surgery Staff
250.1230 Policies & Procedures
250.1240 Surgical Privileges
250.1250 Surgical Emergency Care
250.1260 Operating Room Register
250.1270 Surgical Patients
250.1280 Equipment
250.1290 Safety
250.1300 Operating Room
250.1305 Visitors in Operating Room
250.1310 Cleaning of Operating Room
250.1320 Regulations for Postoperative Recovery Facilities

SUBPART K: ANESTHESIA SERVICES

Section
250.1410 Anesthesia Service

SUBPART L: RECORDS AND REPORTS

Section
250.1510 Medical Records
250.1520 Reports

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

SUBPART M: FOOD SERVICE

Section
250.1610 Dietary Department Administration
250.1620 Facilities
250.1630 Menus and Nutritional Adequacy
250.1640 Diet Orders
250.1650 Frequency of Meals
250.1660 Therapeutic (Modified) Diets
250.1670 Food Preparation and Service
250.1680 Sanitation

SUBPART N: HOUSEKEEPING AND LAUNDRY SERVICES

Section
250.1710 Housekeeping
250.1720 Garbage, Refuse and Solid Waste Handling and Disposal
250.1730 Insect and Rodent Control
250.1740 Laundry Service
250.1750 Soiled linen
250.1760 Clean Linen

SUBPART O: MATERNITY AND NEONATAL SERVICE

Section
250.1810 Applicability of other Parts of these regulations
250.1820 Maternity and Neonatal Service Regulations (Perinatal Service)
250.1830 General Requirements for all Maternity Departments
250.1840 Discharge of Newborn Infants from Hospital
250.1850 Rooming-In Care of Mother and Infant
250.1860 Special Programs

SUBPART P: ENGINEERING AND MAINTENANCE OF THE PHYSICAL PLANT, SITE, EQUIPMENT, AND SYSTEMS -- HEATING, COOLING, ELECTRICAL, VENTILATION, PLUMBING, WATER, SEWER, AND SOLID WASTE DISPOSAL.

Section
250.1910 Maintenance
250.1920 Emergency electric service
250.1930 Water Supply
250.1940 Ventilation, Heating, Air Conditioning, and Air Changing Systems
250.1950 Grounds and Buildings Shall be Maintained
250.1960 Sewage, Garbage, Solid Waste Handling and Disposal
250.1970 Plumbing
250.1980 Fire and Safety

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

SUBPART Q: CHRONIC DISEASE HOSPITALS

Section
250.2010
250.2020

Definition
Requirements

SUBPART R: PHARMACY OR DRUG AND MEDICINE SERVICE

Section
250.2110
250.2120
250.2130
250.2140

Service Requirements
Personnel Required
Facilities for Services
Pharmacy and Therapeutics Committee

SUBPART S: PSYCHIATRIC SERVICES

Section
250.2210
250.2220
250.2230
250.2240

Applicability of other Parts of these Regulations
Establishment of a Psychiatric Service
The Medical Staff
Nursing Service

250.2250
250.2260
250.2270
250.2280
250.2290

Allied Health Personnel
Staff and Personnel Development and Training
Admission, Transfer and Discharge Procedures
Care of Patients

Special Medical Record Requirements for Psychiatric Hospitals and
Psychiatric Units of General Hospitals or General Hospitals
Providing Psychiatric Care
Diagnostic, Treatment and Physical Facilities and Services

250.2300

SUBPART T: DESIGN AND CONSTRUCTION STANDARDS

Section
250.2410
250.2420

Applicability of these Standards
Submission of Plans for New Construction, Alterations or Additions
to Existing Facility

Preparation of Drawings and Specifications -- Submission
Requirements

250.2430
250.2440
250.2450
250.2460

General Hospital Standards
Details
Finishes

250.2470
250.2480
250.2490
250.2500

Structural
Mechanical
Plumbing and Other Piping Systems
Electrical Requirements

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

SUBPART U: CONSTRUCTION STANDARDS FOR EXISTING HOSPITALS

Section
250.2610
250.2620
250.2630
250.2640

Applicability of these Standards
Codes and Standards
Existing General Hospital Standards
Details

250.2650
250.2660
250.2670
250.2680

Finishes
Mechanical
Plumbing and Other Piping Systems
Electrical Requirements

SUBPART V: SPECIAL CARE AND/OR SPECIAL SERVICE UNITS

Section
250.2710

Special Care and/or Special Service Units

SUBPART W: ALCOHOLISM AND INTOXICATION TREATMENT SERVICES

Section
250.2810
250.2820
250.2830
250.2840

Applicability of Other Parts of These Requirements
Establishment of an Alcoholism and Intoxication Treatment Service
Classification and Definitions of Service and Programs
General Requirements for all Hospital Alcoholism Program
Classifications

250.2850
250.2860
250.2870
250.2880

The Medical and Professional Staff
Medical Records
Referral
Client Legal and Human Rights

ILLUSTRATION A

Seismic Zone Map

Codes and Standards (Repealed)

APPENDIX A

Codes (Repealed)

EXHIBIT A

Standards (Repealed)

EXHIBIT B

Addresses of Sources (Repealed)

EXHIBIT C

Measurements Essential for Level I, II, III Hospitals

TABLE A

Sound Transmission Limitations in General Hospitals

TABLE B

Filter Efficiencies for Central Ventilation and Air Conditioning

TABLE C

Systems in General Hospitals.

TABLE D

General Pressure Relationships and Ventilation of Certain Hospital Areas

TABLE E

Piping Locations for Oxygen, Vacuum and Medical Compressed Air

TABLE F

General Pressure Relationships and Ventilation of Certain Hospital Areas

TABLE G

Insulation/Building Perimeter

AUTHORITY: Implementing and authorized by the Hospital Licensing Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 142 et seq.)

SOURCE: Rules repealed and new rules adopted August 27, 1978; emergency amendment at 2 Ill. Reg. 31, p. 73, effective July 24, 1978, for a maximum of 150 days; amended at 2 Ill. Reg. 21, p. 49, effective May 16, 1978; emergency amendment at 2 Ill. Reg. 31, p. 73, effective July 24, 1978, for a maximum of 150 days; amended at 2 Ill. Reg. 45, p. 85, effective November 6, 1978; amended at 3 Ill. Reg. 17, p. 88, effective April 22, 1979; amended at 4 Ill. Reg. 22, p. 233, effective May 20, 1980; amended at 4 Ill. Reg. 25, p. 138, effective June 6, 1980; amended at 5 Ill. Reg. 507, effective December 29, 1980; amended at 6 Ill. Reg. 575, effective December 30, 1981; amended at 6 Ill. Reg. 1655, effective January 27, 1982; amended at 6 Ill. Reg. 3296, effective March 15, 1982; amended at 6 Ill. Reg. 7835 and 7838, effective June 17, 1982; amended at 7 Ill. Reg. 962, effective January 6, 1983; amended at 7 Ill. Reg. 5218 and 5221, effective April 4, 1983 and April 5, 1983; amended at 7 Ill. Reg. 6964, effective May 17, 1983; amended at 7 Ill. Reg. 8546, effective July 12, 1983; amended at 7 Ill. Reg. 9610, effective August 2, 1983; codified at 8 Ill. Reg. 19752; amended at 8 Ill. Reg. 24148, effective November 29, 1984; amended at 9 Ill. Reg. 4802, effective April 1, 1985; amended at 10 Ill. Reg. 11931, effective September 1, 1986; amended at 11 Ill. Reg. 10283, effective July 1, 1987; amended at 11 Ill. Reg. 10642, effective July 1, 1987; amended at 12 Ill. Reg. 15080, effective October 1, 1988; amended at 12 Ill. Reg. 16760, effective October 1, 1988; amended at 13 Ill. Reg. 13232, effective September 1, 1989; amended at 14 Ill. Reg. 2342, effective February 15, 1990; amended at 14 Ill. Reg. 13824, effective September 1, 1990; amended at 14 Ill. Reg. _____, effective _____.

NOTE: Capitalization denotes statutory language.

SUBPART A: GENERAL

Section 250.120 Application for and Issuance of a License to Operate a Hospital

- a) Applicant and Licensee. The applicant ~~and~~ or licensee is the "person" as defined in Section 3 (b) of the Act who establishes, conducts, or maintains a hospital, or proposes to do so, and who is responsible for meeting licensing requirements.

Section 250.120 (continued)

- b) Hospitals to be licensed. A license is required of all places that are hospitals within the meaning of the word as defined in Section 3 of the Act; providing that such place is not specifically excluded by the Act.
- c) Places not to be licensed. The Act excludes the following:
- 1) Any person or institution required to be licensed pursuant to "An Act in relation to the licensing and regulation of homes for the maintenance, care, and nursing of persons who are ill or physically infirm," approved July 17, 1945, as heretofore or hereafter amended;
 - 2) Hospitalization or care facilities maintained by the State or any department or agency thereof, where such department or agency has authority under law to establish and enforce standards for the hospitalization or care facilities under its management and control;
 - 3) Hospitalization or care facilities maintained by the Federal Government or agencies thereof; or
 - 4) Hospitalization or care facilities maintained by any university or college established under the laws of this State and supported principally by public funds raised by taxation.
- d) Application for License
- 1) The application for a license shall be made to the Department upon forms provided by it and shall contain such pertinent information as the Department requires for the administration of the Act.
 - 2) Applications on behalf of a corporation or association or governmental unit or agency shall be made and verified by any two officers thereof.
 - 3) No fee shall be charged.
 - e) Issuance and Renewal of License. Licenses issued hereunder shall be valid for a period of one year. The renewal shall be made by the Department to those hospitals meeting licensing requirements as determined by an ongoing review of reports, surveys, and recommendations on file with the Department as related to the operation of the hospital.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 250.120 (continued)

- f) License not transferable; notification of change of ownership, location or name.

- 1) The license is not transferable. Each license is separate and distinct and shall be issued to a specific licensee for a specific location. The Department shall be notified of any change in ownership, name, or location of a hospital.
- 2) If the hospital's name is changed a new license certificate will be issued upon notification of the change.
- 3) A new application of license shall be submitted when the location of a hospital is changed and the provisions of Section 250.110 and this Section ~~the Department may require compliance with the provision of Subpart A. Application for and issuance of a Permit to Establish a Hospital, shall be applicable.~~
- 4) A change in the legal identity of the ownership of a hospital constitutes the establishment of a new hospital and the provisions of Section 250.110 and this Section ~~Subpart A Application for and Issuance of a Permit to Establish a Hospital, shall be applicable.~~

- g) Approval of Services. The license shall apply only to the number of beds and the clinical services operating at the time the license is issued. If a new clinical service is to be initiated, or an existing service expanded or discontinued, the approval of the Department must first be obtained.

- h) Provisional License. The Director may issue a provisional license to any hospital which does not substantially comply with the provisions of the ~~this~~ Act and this Part ~~the standards, rules, and regulations promulgated by virtue thereof~~ provided that he finds that such hospital has undertaken changes and corrections which upon completion will render the hospital in substantial compliance with the provisions of the ~~this~~ Act and this Part, ~~and the standards, rules, and regulations adopted hereunder~~ and provided that the health and safety of the patients of the hospital will be protected during the period for which such provisional license is issued. The Director shall advise the licensee of the conditions under which such provisional license is issued, including the manner in which the hospital facilities fail to comply with the provisions of the Act and this Part, ~~standards, rules, and regulations~~, and the time within which the changes and corrections necessary for such

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 250.120(h) (continued)

hospital facilities to substantially comply with the ~~this~~ Act, and this Part ~~the standards, rules and regulations of the Department relating thereto~~ shall be completed.

- i) Separate Licenses. The Department may require a hospital that houses patients in more than one building to have separate licenses for one or more such separate buildings.
 - j) Posting of License. The license shall be posted where it may readily be seen and read by the public.
 - k) Notification of closure of hospital. The licensee shall notify the Department of the impending closure of the hospital, at least 90 days prior to such closure. The hospital shall be responsible for the removal and replacement of patients. The hospital shall implement the policies for preservation of patient medical records and medical staff credentialing files in accordance with Section 250.1510(d)(2) and Section 250.310(a)(16). ~~Medical records should be preserved.~~
- (Source: Amended at 14 Ill. Reg. _____, effective _____)

SUBPART B: ADMINISTRATION AND PLANNING

Section 250.210 The Governing Board

- a) For each hospital there shall be a governing authority, hereinafter called the board, responsible for its organization, management, control and operation, including appointment of the medical staff.
- b) The board shall be formally organized in accordance with a written constitution and bylaws. This must clearly set forth organization, duties, responsibilities, and relationships. The Department may require a copy for its files.
- c) The board shall meet regularly. Monthly meetings are recommended. Written reports of all meetings shall be kept.
- d) The board shall employ a competent executive officer or administrator and vest him with authority and responsibility for carrying out its policies. There shall be a qualified individual responsible to the administrator in matters of administration who shall represent him during his absence.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.210 (continued)

- e) The board shall insure employment of competent, well qualified personnel in adequate numbers to carry out the functions of the hospital. The board shall also provide a mechanism for assisting employees in addressing physical and mental health problems.
- f) The board shall be responsible for the maintenance of standards of professional work in the hospital and shall require that the medical staff function competently. Clinical audits shall be performed by the medical staff and reviewed by a committee of the governing authority and the medical staff.
- g) The Board shall be responsible for the establishment of a policy providing for the investigation of unusual incidents which may occur. (Refer to Section 250.990)

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 250.240 Admission and Discharge ~~General~~

- a) Principle. The hospital shall have written policies for the admission, discharge, and referral of all patients who present themselves for care. Procedures shall assure appropriate utilization of hospital resources such as preadmission testing, ambulatory care programs, and short-term procedure units.
- b) Access.

- 1) All persons shall be admitted to the hospital whether as inpatients or outpatients, by a member of the medical staff with admitting privileges, and shall be under the professional care of a member of the medical staff.
- 2) Insofar as possible the hospital shall assign patients to such accommodations as will provide for adequate segregation with regard to sex, age, and medical requirement.
- 3) The hospital shall provide basic and effective care to each patient. No person seeking necessary medical care from the hospital shall be denied such care for reasons not based on sound medical practice or the hospital's charter and, particularly, no such person shall be denied such care on account of race, creed, color, religion, sex, or sexual preference.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.240(b) (continued)

- 4) When the hospital does not provide the services required by a patient or a person seeking necessary medical care, an appropriate referral shall be made.
- c) Required Testing for All Admissions
 - 1) The laboratory examinations required on all admissions shall be determined by the medical staff and shall be consistent with the scope and nature of the hospital. The required list or lists of tests shall be in written form and shall be available to all members of the medical staff. The required examinations shall be consistent with the requirements of this subsection (c) of this Section.
 - 2) Uterine Cytologic Examination for Cancer
 - A) EVERY HOSPITAL SHALL OFFER A UTERINE CYTOLOGIC EXAMINATION FOR CANCER TO EVERY FEMALE IN-PATIENT 20 YEARS OF AGE OR OLDER, UNLESS one of the following conditions exists:
 - i) THE ATTENDING PHYSICIAN CONSIDERS THE TEST TO BE CONTRA-INDICATED.
 - ii) The patient has had a uterine cytologic examination for cancer PERFORMED WITHIN THE PREVIOUS YEAR prior to the admission to the hospital.
 - B) EVERY WOMAN WILL HAVE THE RIGHT TO REFUSE SUCH TEST ON THE COUNSEL OF THE ATTENDING PHYSICIAN OR ON HER OWN JUDGMENT.
 - C) Patient records for all female in-patients 20 years of age or older shall indicate one of the following:
 - i) THE RESULTS OF THE TEST.
 - ii) The reasons that the test offer requirement was NOT APPLICABLE as provided under subsection (c)(1)(A) of this Section.
 - iii) A statement that THE PATIENT REFUSED THE TEST. (Section 55.31 of the Civil Administrative Code, Ill. Rev. Stat. 1989, ch. 127, par. 55.31)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 250.240(c) (continued)

- 3) Testing for Infection with Human Immunodeficiency Virus (HIV)
- A) UPON THE REQUEST of any patient, the hospital shall OFFER TESTING FOR INFECTION WITH HUMAN IMMUNODEFICIENCY VIRUS (HIV) to that patient.
- B) The hospital shall provide PRE-TEST AND POST-TEST COUNSELING to the patient in accordance with the provisions of the AIDS Confidentiality Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 730 et seq.) and the Department's rules entitled "AIDS Confidentiality and Testing Code" (77 Ill. Adm. Code 697).

- C) Testing which is performed under this requirement SHALL BE SUBJECT TO THE PROVISIONS OF THE AIDS CONFIDENTIALITY ACT (Ill. Rev. Stat. 1987, ch. 111 1/2, par. 730 et seq.) and the Department's rules entitled "AIDS Confidentiality and Testing Code" (77 Ill. Adm. Code 697).

d) Discharge Notification

- 1) AT LEAST 24 HOURS PRIOR TO DISCHARGE FROM THE HOSPITAL, EACH PATIENT WHO QUALIFIES FOR THE FEDERAL MEDICARE PROGRAM SHALL BE NOTIFIED OF THE DISCHARGE. The notification shall be provided by, or at the direction of, A PHYSICIAN WITH MEDICAL STAFF PRIVILEGES AT THE HOSPITAL OR ANY APPROPRIATE MEDICAL STAFF MEMBER. The notification shall include:

- A) The anticipated date and time of discharge.

- B) WRITTEN INFORMATION CONCERNING THE PATIENT'S RIGHT TO APPEAL THE DISCHARGE PURSUANT TO THE FEDERAL MEDICARE PROGRAM, INCLUDING THE STEPS TO FOLLOW TO APPEAL THE DISCHARGE AND THE APPROPRIATE TELEPHONE NUMBER TO CALL IF THE PATIENT INTENDS TO APPEAL THE DISCHARGE.

- 2) THE HOSPITAL SHALL develop and implement policies and PROCEDURES TO PROVIDE THE NOTIFICATION required in subsection (d)(1) of this Section. The policies and procedures MAY PROVIDE FOR WAIVER of the notification requirement in either or both of the following cases:

- A) WHEN A DISCHARGE NOTICE IS NOT FEASIBLE DUE TO A SHORT LENGTH OF STAY IN THE HOSPITAL BY THE PATIENT. The

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 250.240(d)(2)(A) (continued)

hospital policy shall specify the length of stay when discharge notification will not be considered feasible.

- B) WHEN THE PATIENT VOLUNTARILY DESIRES TO LEAVE THE HOSPITAL BEFORE THE EXPIRATION OF THE 24 HOUR PERIOD. (Section 6.09a of the Act)

(Source: Amended at 14 Ill. Reg. _____, effective _____)

SUBPART C: THE MEDICAL STAFF

Section 250.310 Organization

- a) The medical staff shall be organized in accordance with written bylaws, rules and regulations, approved by the Governing Board. The bylaws, rules and regulations shall specifically provide but not be limited to the following provisions:

- 1) written procedures relating to the acceptance and processing of initial applications for medical staff membership, granting and denying of medical staff reappointment, and medical staff membership or clinical privileges disciplinary matters.

- A) The procedures for initial applicants at any particular hospital may differ from those for current medical staff members. However, the procedures at any particular hospital shall be applied equally to each practitioner eligible for medical staff membership under Section 250.150 (Medical Staff) of this Part.

- B) The procedures relating to evaluating individuals for staff membership, whether the practitioners are or are not currently members of the medical staff, shall include procedures for determination of qualifications and privileges, criteria for evaluation of qualifications, and procedures requiring information about current health status, current license status in Illinois, and biennial review of renewed license.

- C) The procedure shall grant to current medical staff members at least: written notice of an adverse decision by the Governing Board; an explanation and reasons for an adverse decision; the right to examine and/or present copies of

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.310(a)(1)(C) (continued)

relevant information, if any, related to an adverse decision; an opportunity to appeal an adverse decision; and written notice of the decision resulting from the appeal. The procedures for providing written notice shall include timeframes for giving such notice.

D) The procedures shall provide that, PRIOR TO THE GRANTING OF ANY MEDICAL STAFF PRIVILEGES TO AN APPLICANT, OR RENEWING A CURRENT MEDICAL STAFF MEMBER'S PRIVILEGES, the hospital SHALL REQUEST OF THE DIRECTOR OF THE DEPARTMENT OF PROFESSIONAL REGULATION INFORMATION CONCERNING THE LICENSURE STATUS AND ANY DISCIPLINARY ACTION TAKEN AGAINST THE APPLICANT'S OR MEDICAL STAFF MEMBER'S LICENSE. This provision shall not apply to MEDICAL PERSONNEL WHO ENTER A HOSPITAL TO OBTAIN ORGANS AND TISSUES FOR TRANSPLANT FROM A DECEASED DONOR IN ACCORDANCE WITH THE UNIFORM ANATOMICAL GIFT ACT (Ill. Rev. Stat. 1989, ch. 110 1/2, par. 301 et seq.). (Section 10.4 of the Act)

- 2) for such divisions and departments as are warranted; (as a minimum, active and consulting divisions are required);
- 3) for such officers as are warranted;
- 4) for committees as are warranted to assure the responsibility for such functions as pharmacy and therapeutics, infection control, utilization review, patient care evaluation, and the maintenance of complete medical records;
- 5) that active medical staff meetings be held regularly, and that written minutes of all meetings be kept;
- 6) for review and analysis of the clinical experience of the hospital at regular intervals -- the medical records of patients to be the basis for such review and analysis;
- 7) conditions or situations which require consultation;
- 8) for consultation between medical staff members in complicated cases;
- 9) that tissue removed at operation shall be examined by a qualified pathologist and that the findings shall be made a part of the patient's medical record;

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.310(a) (continued)

- 10) for keeping completed medical records;
- 11) for written Utilization Review Plan which shall be in accordance with the Conditions of Participation for Hospitals in the Medicare Program.
- 12) for Medical Care Evaluation Studies;
- 13) Surgical Assistants
 - A) for policies requiring a physician as first assistant to major and/or hazardous surgery. Written criteria to determine when an assistant is necessary shall be established and be a part of the surgical department procedure manual.
 - B) Through their credentialing and/or privilege granting process the medical staff shall assure that a qualified surgical assistant, whether a physician or non-physician, assists the operating surgeon in the operating room. (Refer to subsections (a) ~~Requirements~~ (1), (6), (7), (8) and (12) of this Section ~~above~~.)
- 14) Allied Health Personnel
 - A) For determination of additional privileges that may be granted a staff member for the use of his/her employed allied health personnel in the hospital in accordance with policies and procedures recommended by the medical staff and approved by the governing authority.
 - B) The staff member requesting this additional privilege shall submit for review and approval by the medical staff and the governing authority of the hospital,
 - i) the curriculum vitae of the identified allied health personnel, and
 - ii) written protocol with description of duties, assignments and/or functions, and including the description of manner of performance within the hospital by the allied health personnel in relationship with other hospital staff.
- 15) A mechanism for assisting medical staff members in addressing physical and mental health problems.

Section 250.310(a) (continued)

16) A procedure for preserving medical staff credentialing files in the event of the closure of the hospital.

b) Regardless of any other categories (divisions of the medical staff) having privileges in the hospital, there shall be an active staff which must include physicians and may also include podiatrists and dentists, properly organized, which perform all the organizational duties pertaining to the medical staff. These include:

- 1) Maintenance of the proper quality of all medical care and treatment of inpatients and outpatients in the hospital. Proper quality of medical care and treatment includes:
 - A) availability and use of accurate diagnostic testing for the types of patients admitted;
 - B) availability and use of medical, surgical, and psychiatric treatment for patients admitted;
 - C) availability and use of consultation, diagnostic tools and treatment modalities for the care of patients admitted including the care needed for complications which may be expected to occur;
 - D) availability and performance of auxiliary and associate staff with documented training and experience in diagnostic and treatment modalities in use by the medical staff and documented training and experience in managing complications which may be expected to occur.
- 2) Organization of the medical staff, including adoption of rules and regulations for its government (which require the approval of the governing body), election of its officers or recommendations to the governing body for appointment of the officers, and recommendations to the governing body upon all appointments to the staff and grants of hospital privileges;
- 3) Other recommendations to the governing body regarding matters within the purview of the medical staff.
- 4) The medical staff may include one or more divisions in addition to the active staff, but this in no way modifies the duties and responsibilities of the active staff.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

SUBPART E: LABORATORY

Section 250.510 Laboratory Services

The hospital shall have a well organized, adequately supervised clinical laboratory with the necessary space, facilities and equipment to perform services commensurate with the hospital's needs for its patients. Anatomical pathology services and blood bank services shall be available either in the hospital or by arrangement with other facilities.

- a) Adequacy of Laboratory Services. Clinical laboratory services adequate for the individual hospital shall be maintained in the hospital, as determined by the following:
 - 1) The extent and complexity of services are commensurate with size, scope and nature of the hospital, and the demands of the medical staff upon the laboratory.
 - 2) Basic laboratory services, necessary for routine examinations as defined in subsection ~~Section 250.510~~ (b) of this Section, are provided in the hospital.
 - 3) Necessary space, facilities and equipment to perform the services offered by the laboratory.
 - 4) Facilities and equipment. ~~A) The laboratory must document compliance with subsections (a)(5), (j) and (k) of this Section and with Section Sections 250.510(a)(4)(A), 250.510(f), 250.510(k) and 250.530.~~
 - 5) Preventive maintenance of equipment and instruments:
 - A) ~~1) The laboratory must establish a written preventive maintenance program for each piece of equipment. The program shall be documented and implemented on a regularly scheduled basis. It shall provide for instrument function verification and equipment maintenance. The laboratory is required to follow the manufacturer's recommendations at a minimum. Such defined preventive maintenance programs may exceed the manufacturer's recommendation.~~
 - B) ~~1) A service contract from an outside source for preventive maintenance is acceptable provided there is a description of the service to be performed for each instrument and/or each piece of equipment and a statement of the frequency of maintenance to be performed. A service contract does not~~

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(a)(5)(B) (continued)

negate the laboratory's responsibility to perform routine maintenance as may be required. The laboratory must maintain records of preventive maintenance whether performed by the laboratory staff or by an outside source.

- C2 ~~1111~~ Automatic dilutors and samplers, except those checked by use of a calibrator or reference material included in each run, shall be checked for accuracy and reproducibility at least once per month. A serum/cell calibration shall be performed on a serofuge when first put into operation and after adjustments or repairs to the motor or timer. Accuracy of the timer and RPM shall be checked at least quarterly. Volumetric glassware (pipets, flasks) that is not designated "class A" shall be calibrated to confirm its designated volume. Thermometer readings for temperature controlled spaces and instruments shall be recorded each day of use. Minimum/maximum thermometers shall be used in critical storage areas. Tolerance limits shall be established. All thermometers in the laboratory shall be checked against a reference thermometer (certified by the National Bureau of Standards or guaranteed by the manufacturer to meet National Bureau of Standards criteria) before being placed into use and annually thereafter.

- D2 ~~1111~~ Glassware shall be free from scratches and cloudiness which impair the legibility of graduations and/or the accuracy of the stated volume. "To contain" and "to deliver" pipettes are to be kept separated.

- E2 ~~1111~~ Blood-letting lancets, needles and syringes, if not disposable, shall be heat-sterilized prior to each use. Sterilization shall be by steam at 121.50C for 30 minutes, or by dry heat at 1700C for 2 hours. Each sterilizing cycle shall contain an indicating device to assure proper sterilization.

- F2 ~~1111~~ Electrical equipment shall be maintained in a safe condition in accordance with Subparts T and U of this Part.

- G2 ~~1111~~ Photometric and spectrophotometric equipment shall be checked periodically for integrity of wavelength settings and accuracy of photometric scale in accordance with subsections ~~Section 250.510~~ (k)(2)(A) and (B) of this Section.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(a)(5) (continued)

- H2 ~~1111~~ Analytic balances and weights shall be checked at least annually, and accuracy of weights verified by using 'Class A' weights.

- b) Clinical Laboratory Examinations. Provisions shall be made to carry out basic clinical laboratory examinations including chemistry, microbiology, hematology, serology, and clinical microscopy in such depth as required by the medical staff.

- 1) Other laboratory examinations may be provided under arrangements by the hospital with another laboratory which is either:

- A) Part of a hospital licensed under the ~~Hospital Licensing Act and this Part Requirements~~.

- B) Licensed ~~Approved~~ to provide these services as a laboratory under the Illinois Clinical Laboratory Act (Ill. Rev. Stat. 1989 ~~1985~~, ch. 111 1/2, pars. 621-101 ~~622-101~~ et seq.).

- 2) In the case of work performed by an outside laboratory, the original report from this laboratory shall be contained in the medical record as specified in subsection ~~Section 250.510~~ (f) of this Section.

- c) Availability of Facilities and Services

- 1) Facilities and services shall be available at all times. Adequate provision shall be made for assuring the availability of emergency laboratory services, either in the hospital or under arrangements with a laboratory which meets the requirements of subsection ~~Section 250.510~~ (b) of this Section.

- 2) Such services shall be available 24 hours a day, 7 days a week, including holidays. Coverage of the service is permissible by having arrangements with personnel for "on call duty."

- 3) Where services are provided by an outside laboratory, the conditions, procedures, and availability of examinations performed are to be in writing and available in the hospital.

- d) Personnel. Personnel adequate to supervise and conduct the services shall be provided.

- 1) It is recommended that the clinical laboratory services be under

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(d)(1) (continued)

the direction of a pathologist certified by the American Board of Pathology or who possesses training and experience acceptable to the Department and equivalent to such certification, and licensed to practice medicine in all its branches in Illinois. If this is not done the laboratory shall be under the direction of a physician licensed to practice medicine in all its branches in Illinois, and having qualifications acceptable to the Department. In the latter instance the hospital shall designate a medical staff laboratory committee which shall include a consulting pathologist who shall be a member of the medical staff, in such category as may be determined by the medical staff and governing body of the hospital.

- 2) The laboratory shall not perform procedures and tests which are outside the scope of training of the laboratory personnel, whose qualifications are set forth in Section 250.540.
- 3) The laboratory director is responsible for the qualifications of his staff and their inservice training.

e) Required Examinations. The laboratory examinations required on all admissions shall be determined by the medical staff as provided in Section 250.240(c).

- ~~1) Required tests upon admission, as approved by the medical staff, shall be consistent with the scope and nature of the hospital.~~
- ~~2) The required list of tests shall be in written form and available to all members of the medical staff.~~

f) Laboratory Report. Signed or otherwise authenticated reports shall be filed with the patient's medical record and duplicate copies are maintained in the laboratory.

- 1) The laboratory director shall be responsible for the laboratory reports.
- 2) There shall be a policy for assuring that all tests and procedures are ordered by a member of the medical staff or by others in accordance with approved policies. (See Section 250.330 -b)-)
- g) Pathologist Services. Services of a pathologist shall be provided as indicated by the needs of the hospital.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(g) (continued)

- 1) Services are to be under the supervision of a pathologist certified by the American Board of Pathology or who possesses training and experience acceptable to the Department and equivalent to such certification, and licensed to practice medicine in all its branches in Illinois, on a full-time, regular part-time or regular consultative basis. If the latter pertains, the hospital shall provide for, at a minimum, semimonthly consultative visits by a pathologist.

- 2) The pathologist shall participate in staff, departmental and clinicopathologic conferences.

h) Tissue Examination. All tissues removed at operation are to be submitted for examination. The extent of examination is determined by the pathologist.

- 1) All tissues removed from patients at surgery shall be macroscopically, and if necessary, microscopically examined by the pathologist.
- 2) The pathologist or designated physician, in his absence, is responsible for verifying the receipt of tissues for examinations.
- 3) A list of tissues which routinely require microscopic examination shall be developed in writing by the pathologist or designated physician with the approval of the medical staff.
- 4) A tissue file shall be maintained and include, as a minimum, reports, slides and cross-index.
- 5) In the absence of a pathologist or suitable physician substitute, there shall be an established plan for sending to a pathologist outside the hospital all tissues requiring examination. The pathologist may refer tissues to another pathologist for consultation when he deems necessary.
- i) Reports of Tissue Examination. Signed reports of tissue examinations are to be filed with the patient's medical record and duplicate copies are to be maintained.
 - 1) All reports of macro and microscopic examinations performed shall be signed by the pathologist or designated physician.
 - 2) Provisions are to be made for the prompt filing of examination

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(i)(2) (continued)

results in the patient's medical record and notification of the physician requesting the examination.

- 3) Duplicate copies of the examination reports are to be maintained in a manner which permits ready identification and accessibility.

j) Quality Control - General

- 1) The director(s) of the clinical laboratory shall:

- A) Establish, implement, monitor, and document a quality control program which at a minimum meets the requirements of this subsection. This quality control program shall include documentation of corrective actions taken.
- B) Determine the laboratory procedures which will be performed and the instruments and methodologies that will be used.
- C) Establish a program to validate new procedures before laboratory results are reported. The validation procedure for quantitative methods must have provisions to determine accuracy and precision.
- D) Establish the expected and/or normal ranges for all procedures performed by the laboratory and a policy for review of all abnormal findings. Establish a weekly schedule for the assessment of the activities of the laboratory by personal observations, evaluations and review of reports of laboratory findings.
- E) Determine the format of laboratory report forms and decide what information is to be contained on the report forms.
- F) In accordance with the weekly schedule established by the director, consult with supervisors and other staff members and review the adequacy of the quality control program.
- G) Confer with those served by the laboratory on matters that relate to test performance and determine the nature and scope of technical and administrative information to be released by the laboratory staff.
- H) Ensure that proper personnel qualifications are met. (See subsection ~~Section 250.510~~ (d) of this Section)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(j) (continued)

2) Reference materials:

- A) Shall be used for each test unless the test is controlled by duplicate testing with established tolerance limits.
 - B) Statistical methods shall be used to calculate the mean value and standard deviation for at least one reference material for each test.
 - C) The results of the analysis of the reference material(s) shall be plotted each day of testing on a graph which clearly displays the mean value and action limits for that reference material. A computer system may be used to provide the data display necessary for trend analysis and the monitoring of action limits.
 - D) Each test procedure shall have a plan for remedial action to be taken in response to detected problems as soon as discovered.
 - E) When lot numbers (batches) of reference materials are changed, the old and new lots shall be tested in parallel until suitable action limits are obtained for the new lot.
 - F) All methods which do not have reference materials, except in vivo methods, shall be controlled by duplicate testing with established tolerance limits.
- 3) A preventive and corrective maintenance program shall be established and include appropriate periodic inspection and testing of laboratory equipment in accordance with subsection (a)(5) of this Section ~~Section 250.510(a)(4)(A)~~.
- 4) Current procedure manual(s) prepared by each laboratory shall be available for use by technical personnel. Manufacturer's manuals and textbooks may be used as supplements to the laboratory manual, but not in lieu thereof. Each procedure manual shall contain a table of contents reflecting the name of the test; methodology used; annual review by the director; the date and text of any changes made subsequent to the publication of the manual which are approved by the director with cross reference to the actual change in that procedure.
- 5) Each procedure shall include information relative to the headings listed in this subsection ~~(1)(5) below~~ and shall

Section 250.510(j)(5) (continued)

include, where applicable, all items listed. Additional laboratory developed standard operating procedure manuals may be used to fulfill specified requirements provided each procedure contains specific reference to the name and page number of the manual where the information is available. The following format is recommended.

- A) Principle of the test. Include a brief statement concerning the type of reaction(s) involved.
- B) Specimen.
 - i) State the conditions for patient preparation.
 - ii) Specify the type of sample with respect to volume of sample required, anticoagulants, preservatives, stability, and requirements for storage.
 - iii) State the criteria for an unacceptable sample.
 - iv) Specify handling conditions with respect to timing, transport or storage conditions, and special equipment.
 - v) State the criteria for proper specimen identification.
- C) Reagent preparation.
 - i) List specific reagents used in the procedure.
 - ii) State the directions for preparation and labeling of each reagent to include: the initials of the person who prepared the material, contents, concentration, lot number, date of preparation, expiration date, and storage requirement.
- D) Calibration procedure.
 - i) Give detailed stepwise instructions including dilutions of working standards.
 - ii) State specifications for photometric readings (%T, absorbance, etc.).
 - iii) Where calibration graphs are used, the type shall be specified.

Section 250.510(j)(5)(D) (continued)

- iv) Specify acceptable tolerances and corrective actions to be taken if results are outside the tolerance limits.
- E) Procedure.
 - i) Write detailed instructions in a stepwise manner. A flow chart may be used as an adjunct.
 - ii) Specify the following for photometric measurements: type of instrument; wavelength; cuvette size; solution used as a blank; range of linearity; how the raw data are read (%T, absorbance, etc.); and stability of the final solution.
 - iii) Clearly indicate safety hazards.
- F) Calculations.
 - i) Give stepwise instructions for calculations.
 - ii) Give the equation.
 - iii) Give a precise example.
 - iv) Describe the common variations in calculations.
- G) Quality Control
 - i) State the reference materials to be used.
 - ii) Give instructions for preparation of reference materials.
 - iii) State the minimum frequency with which reference materials are to be run.
 - iv) State how action limits for reference materials are to be established.
 - v) State the corrective actions to be taken when action limits are exceeded.
- H) Reporting results.
 - i) State expected ranges where appropriate.

Section 250.510(j)(5)(H) (continued)

- ii) Give information about methodology which may be necessary for interpretation of results.
 - iii) Give guidelines as to acceptable reporting format and units as applicable.
 - iv) A system for handling critical values shall be available.
- I) Procedural notes.
- i) List possible sources of error.
 - ii) Describe the plan for an alternate means of specimen handling or analysis in the event the procedure should fail.
- J) References. Document the source(s) of information used in the procedure.
- K) Utilization of product package inserts. Include a system to assure that package inserts are current with and applicable to the kits or reagents actually in use. Package inserts may not be used in lieu of the procedure manual unless they comply with all of the provisions enumerated under this subsection (j)(5) (d).

k) Quality Control System -- Methodologies

1) Hematology

- A) Manual Procedures. Each procedure shall be recalibrated or rechecked each day of use with standards (calibrators) or reference materials covering the range of expected values.
- i) Hemoglobin. Hemoglobin methodology shall be calibrated monthly with standard solutions that cover at least three concentrations and a zero point.
 - ii) Hematocrit. Optimum packing time of microhematocrit centrifuges shall be determined before being placed into use and after major adjustments or repairs to motor or timer. The speed of the microhematocrit centrifuge shall be checked monthly. Tolerance limits shall be established. Timer checks shall be performed monthly. Tolerance limits shall be established.

Section 250.510(k)(1)(A) (continued)

- iii) Red and White cell counts. The hemocytometer counting chamber and coverslip shall be maintained in a condition that does not interfere with cell recognition or the volume of the chamber. Correct coverslips shall be used. Counts shall be performed with certified pipettes or pipettors whose accuracy has been determined by the manufacturer.
 - iv) Platelet counts. Manual platelet counts shall be performed in duplicate. Tolerance limits shall be established. A procedure to compare platelet results with the differential blood film shall be established.
 - v) Differential Leukocyte count. Blood smears shall be prepared and stained by a method which produces smears in which morphologic cell features can be properly evaluated. Cellular morphology shall be examined and platelets estimated with the differential count.
- B) Automated Procedures
- i) Particle Counting and Hemoglobin. Calibration techniques shall follow the manufacturer's specifications. The director shall establish criteria for high and low counts and determine the policy for verification. Tolerance limits shall be established for duplicate testing. Background counts shall be performed daily on diluent and lysing agents. Patient specimens shall be used each run to assess precision.
 - ii) Differential counts. The manufacturer's specifications shall be followed with respect to operation, calibration, and the use of reference materials. The director shall establish a policy for the review of all abnormal differentials, erythrocyte morphology, and platelet enumeration.
- C) Coagulation studies.
- i) Patient specimens and reference materials for prothrombin times and partial thromboplastin times shall be performed in duplicate and tolerance limits established, if performed manually. Automated procedures for coagulation procedures shall be controlled by the use of reference materials with established action limits.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(1)(C) (continued)

- i) The manufacturer's thromboplastin dilution curve shall be verified with each new lot, if the prothrombin time results are reported in percent activity.

2) Chemistry

A) Manual-Automated procedures / Spectrophotometer-Photometer

- i) The wavelength of the filters used in photometers shall be checked at least annually.
- ii) The wavelength of spectrophotometers shall be checked daily with filters or solutions in accordance with specifications stated by the manufacturer. Tolerance limits shall be established for this procedure.

- iii) Instrument linearity shall be checked monthly with appropriate solutions and/or filters.

- iv) Calibration and operation techniques shall follow the manufacturer's specifications.

- v) Each procedure shall be recalibrated each day of use unless a stored curve is developed.

- vi) Stored curves may be used for calibration for a period of time not to exceed three months, provided: The curve is point checked daily to verify continued validity and tolerance limits are established. The procedure is recalibrated when a new batch of reagent is used. The procedure is recalibrated when major instrument maintenance has been performed. Procedures which deviate from Beer's Law shall include a minimum of 5 concentrations. Procedures which are linear shall include at least 3 concentrations.

- vii) Each run of unknown specimens shall include two levels of reference materials.

B) Atomic Absorption Flame Photometers

- i) The atomization rate shall be checked each day of use.
- ii) Each run of unknown specimens shall include two levels of reference materials.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(2)(B) (continued)

- iii) Calibration and operation techniques shall follow the manufacturer's specifications.

- iv) Each procedure shall be recalibrated each day of use.

C) Chromatography

- i) A standard (calibrator) shall be included with each batch of unknown specimens.

- ii) Calibration and operation techniques shall follow the manufacturer's specifications.

- iii) Reference materials (spiked samples) shall be included in each batch of unknown specimens and are treated the same as unknowns.

D) Electrophoresis

- i) The linearity of a densitometer shall be checked each day of use.

- ii) Reference materials for comparison of migration patterns and strain intensity shall be included with each run.

E) Ionic Selective Electrode

- i) The manufacturer's recommendations shall be followed with respect to calibration and control procedures.

- ii) Reference materials shall be included with each run.

F) Radioimmunoassay

- i) The stability of radioisotope counting equipment shall be checked each day of use with an appropriate radioactive reference source. Tolerance limits shall be established.

- ii) Background counts shall be performed each day of use and tolerance limits established.

- iii) Each procedure shall include calibrators (standards) as recommended by the reagent manufacturer.

DEPARTMENT OF PUBLIC HEALTH

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(2)(F) (continued)

Section 250.510(k)(4) (continued)

- iv) Reference materials shall be included with each run.
- 3) Urinalysis
 - A) Specific gravity equipment shall be calibrated with distilled water and one other solution of known refractive index each day of use.
 - B) Screening or qualitative chemical urinalysis shall be checked daily by use of suitable reference materials.
- 4) Bacteriology/Mycology
 - A) Each unit of media shall be properly labeled to indicate identity, date of preparation/receipt and expiration date.
 - B) Each batch of media shall be tested before or concurrently with selected organisms for selectivity, sterility, enrichment, and biochemical response.
 - C) All American Type Culture Collection strains stated in subsections ~~Section 250.510~~ (k)(4)(J) and (K) of this Section shall be available and maintained.
 - D) All reagents, strips, discs, and antisera shall be properly labeled as to lot number and expiration date and checked each day of testing with organisms that produce positive and negative reactions.
 - E) An incubation system shall be used which will provide the conditions and volume characteristics necessary for the growth and identification of the kinds of organisms isolated (i.e., uniform temperature, gas concentration and humidity). CO₂ incubators shall be checked daily to insure that CO₂ concentration is maintained within established tolerance limits.
 - F) Flow charts may be used to indicate all steps to be employed to isolate and identify all organisms.
 - G) The daily log or worksheet reflects all tests and test results which lead to the isolation and identification of all microorganisms.

- H) Staining materials shall be checked each day of use against organisms with the expected staining characteristics.
- I) A wire loop used for quantitative tests shall be calibrated prior to placing into use and quarterly thereafter.
- J) Agar Disc Diffusion methods:
 - i) The agar disc diffusion test shall be checked with each new batch of media and at least once each seven days with stock cultures of *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923 and *Pseudomonas aeruginosa* ATCC 27853. Zone sizes shall be recorded for each antimicrobial agent. Limits shall be established.
 - ii) Petri dishes used shall have a diameter not less than 150mm and contain no more than 12 discs.
 - iii) Susceptibility tests shall be performed on pure cultures except in specific instances as established by the Director in the written policies of the laboratory, such as when the test results must be obtained in less time than required to complete using a pure culture.
- K) Minimum Inhibitory concentration (MIC) Methods. The MIC test shall be checked with each new batch of media and at least once each seven days with stock cultures of *Escherichia coli* ATCC 25922, *Staphylococcus aureus* ATCC 25923, and *Pseudomonas aeruginosa* ATCC 27853. The MIC values must be recorded for each antimicrobial agent. Tolerance limits must be established.
- L) Automated susceptibility testing systems shall follow the quality control requirements under subsection (K).
- 5) Parasitology
 - A) A calibrated ocular micrometer shall be available for determining the size of ova and parasites when size is a critical factor.
 - B) The laboratory shall have an atlas and/or reference collection of prepared slides, transparencies or gross

ILLINOIS REGISTER
DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(5)(B) (continued)

- specimens. The collection must include organisms which the laboratory encounters and reports from patient specimens.
- C) Permanent stains shall be used for the examination of intestinal protozoa and other parasites when intestinal protozoa or other parasites cannot be identified by other means.
- D) Concentration methods shall be employed on all stool specimens negative for ova and parasites by direct examination methods. Concentration techniques shall be capable of detecting all cases of clinically significant parasites likely to be encountered in the community.
- 6) Immunology/Serology/Immunochemistry. Kits purchased for serological testing must be used in accordance with the manufacturer's instructions.
- A) VDRL/RPR
- i) Non-reactive, minimally reactive, and reactive reference materials shall be included with each run.
 - ii) The needle delivery shall be verified with + two drops per ml each day of use.
 - iii) The revolutions per minute of the rotator shall be checked each day of use and be within the recommended tolerance limits.
 - iv) Each new lot of antigen and reference materials shall be checked with non-reactive, weakly reactive and reactive reference materials before being placed into use.
 - v) Ambient temperature in the test area shall be maintained between 23 degrees Centigrade to 29 degrees Centigrade.
 - vi) The antigen for VDRL testing shall be prepared fresh each day of use.
- B) Qualitative tests. Positive and negative controls shall be included in each run. Each new lot of reagents and reference materials shall be parallel checked with one of known reactivity before being placed into use.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(6) (continued)

- C) Quantitative tests. Each quantitative test shall include with each run, where applicable, a positive control of graded reactivity and a negative control. Each new lot of reagents and reference materials shall be parallel checked with one of known reactivity before being placed into use.
- 7) Immunohematology
- A) ABO grouping reagents and Rh typing sera must conform to the requirements of licensure under Chapter I, Subchapter F, Title 21, Code of Federal Regulations, 1985 (21 CFR 600 and 680). Any facility which produces their own products shall adhere to these same requirements.
- B) All antisera, ABO reagent red cells, anti-human globulin (Coombs) shall be tested each day of use with a positive control. Antibody screening reagent red cells shall be tested each day of use with at least one known antibody. All antisera except ABO antisera shall be tested each day of use with a negative control.
- C) The reagent manufacturer's protocol for testing must be followed.
- D) An autologous cell control is required when samples are being tested for Rh type. An autologous ~~autologous~~ cell control is not required to accompany the Rh type when testing donor samples.
- 8) Cytology
- A) The quality of stains shall be evaluated daily by the director and suboptimal stains corrected immediately.
- B) All solutions shall be filtered and/or replaced at least once each day of use.
- C) The director shall assume direct responsibility for rescreening 10% random sample of gynecological smears which have been interpreted to be negative. The Director shall review and report in writing all smears interpreted to be suspicious or positive and all nongynecological specimens.
- D) There shall be a program to correlate positive cytologies with reports of tissue biopsies when both diagnoses are made in the same laboratory.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.510(k)(8) (continued)

- E) Diagnostic nomenclature shall be clearly defined in the procedure manual and made available to the physician.
- F) All automated equipment used in cytology preparations shall be used in accordance with the manufacturer's recommendations.
- G) All cytologic slides must be identified in a fashion traceable to patient of origin, labeled with permanent labels, and stored so they are accessible within twenty-four hours. All abnormal slides must be stored a minimum of five years. Normal slides should be retained for two years before discarding.
- 9) Histopathology
- A) All special stains shall be controlled by use of positive tissues.
- B) All tissue specimens shall be kept in a preservative until microscopic examination and diagnosis have been completed by the pathologist.
- C) All stains shall be filtered prior to each day of use.
- D) All tissue processing solutions shall be changed or rotated on a regular scheduled basis.
- E) The quality of stains shall be evaluated daily by the director or his designee and suboptimal stains corrected immediately.
- F) All gross tissue specimens received must be labeled in a fashion traceable to the patient of origin and packaged so as to maintain absolute certainty of identification throughout processing, recording and storage.
- G) Slides must be identified with permanent labels and stored so they are readily accessible. Paraffin blocks must be identified, indexed, stored in a cool place and protected against damage by heat. Wet tissue specimens shall be retained until a final diagnosis has been made.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.525 Designated Blood Donor Program

- a) Each hospital shall establish and operate a designated blood donor program which allows a recipient of blood to designate a donor of his choice for the purpose of receiving red blood cells. Policies and procedures which are followed in the operation of the program must be approved and reviewed at least annually by the medical staff or its designated subcommittee. The program must be consistent with the requirements of this Section.
- b) THE PROGRAM SHALL ALLOW DESIGNATED BLOOD DONATIONS WHEN AT LEAST THE FOLLOWING CONDITIONS ARE MET:
- 1) THE RECIPIENT, OR A REPRESENTATIVE OF THE RECIPIENT, HAS SOLICITED THE DONOR OR DONORS;
 - 2) THE DESIGNATED DONOR OR DONORS HAVE CONSENTED TO THE DONATION;
 - 3) THE DESIGNATED DONOR OR DONORS MEET THE QUALIFICATIONS FOR DONOR SELECTION ADOPTED BY THE DEPARTMENT OF PUBLIC HEALTH UNDER THE BLOOD LABELING ACT (See 77 Ill. Adm. Code 460.130);
 - 4) THE BLOOD OF THE DESIGNATED DONOR OR DONORS IS COMPATIBLE WITH THE MEDICAL NEEDS OF THE RECIPIENT (See 77 Ill. Adm. Code 460.140); AND
 - 5) THE BLOOD OF THE DESIGNATED DONOR OR DONORS CAN BE OBTAINED IN SUFFICIENT TIME TO MEET THE MEDICAL NEEDS OF THE RECIPIENT.
- c) The hospital shall insure that designated blood donations are properly labeled, stored, screened and reserved for the designated recipient (See 77 Ill. Adm. Code 460). Designated blood donations which are not used for the designated recipient within seven days of donation may be used for any other medically appropriate purpose.

~~d) THIS SECTION IS AUTOMATICALLY REPEALED AS OF SEPTEMBER 21, 1989
(111 Rev. Stat. 1987, ch. 111 1-2, par. 152.2)~~

(Source: Amended at 14 Ill. Reg. _____, effective _____)

SUBPART G: ~~GENERAL HOSPITAL~~ EMERGENCY SERVICES ~~SERVICE~~Section 250.725 Notification of Emergency ~~Paramedics and Ambulance~~
Personnel

- a) For purposes of this Section:

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.725(a) (continued)

- 1) "Emergency Services Provider Agency" means any entity which uses vehicles, personnel and equipment for the prehospital or interhospital transportation and care of patients requiring emergency care or life support services in conformance with the provisions of the Emergency Medical Services (EMS) Systems Act (Ill. Rev. Stat. 1987, ch. 111 1/2, pars. 5501 et seq., as amended).
- 2) "Paramedic" means an emergency medical technician-paramedic certified by the Department pursuant to Section 4.13 of the Emergency Medical Services (EMS) Systems Act (Ill. Rev. Stat. 1987, ch. 111 1/2, par. 5504.13, as amended).
- 3) "Ambulance Personnel" means any person employed by an emergency services provider agency who is or was involved in the prehospital or interhospital transportation and care of a patient requiring emergency care or life support services as an ambulance crew member, including the vehicle driver.
- b) EACH HOSPITAL SHALL ESTABLISH PROCEDURES FOR NOTIFYING POLICE OFFICERS, PARAMEDICS AND AMBULANCE PERSONNEL WHO HAVE PROVIDED, OR ARE ABOUT TO PROVIDE, EMERGENCY CARE OR LIFE SUPPORT SERVICES TO A PATIENT WHO HAS BEEN DIAGNOSED AS HAVING A DANGEROUS COMMUNICABLE OR INFECTIOUS DISEASE. The procedures shall include at a minimum the requirements of this Section.

c) Notification shall be required for the following diseases:

- 1) Rubella (including congenital rubella syndrome)
- 2) Measles
- 3) Tuberculosis
- 4) Invasive meningococcal infections (meningitis or meningococcemia)
- 5) Mumps
- 6) Chickenpox
- 7) Herpes Simplex
- 8) Diphtheria
- 9) Rabies (human rabies)

Section 250.725 (continued)

- 10) Anthrax
- 11) Cholera
- 12) Plague
- 13) Polio (Polio myelitis)
- 14) Hepatitis B
- 15) Typhus (louse-borne)
- 16) Smallpox
- 17) Hepatitis non-A, non-B
- 18) Acquired Immunodeficiency Syndrome (AIDS)
- 19) AIDS-related complex (ARC)
- 20) Human Immunodeficiency Virus (HIV) Infection
- d) THE HOSPITAL SHALL SEND A LETTER OF NOTIFICATION TO THE EMERGENCY SERVICES PROVIDER AGENCY WITHIN 72 HOURS AFTER THE HOSPITAL RECEIVES ACTUAL KNOWLEDGE OF A CONFIRMED DIAGNOSIS OF ANY OF THE DISEASES LISTED IN SUBSECTION (c) OF THIS SECTION, OTHER THAN AIDS, ARC OR HIV INFECTION, OF ANY PATIENT WHO HAS BEEN TRANSPORTED TO THE HOSPITAL BY POLICE OFFICERS, PARAMEDICS OR AMBULANCE PERSONNEL.
- e) IN THE CASE OF A CONFIRMED DIAGNOSIS OF AIDS, ARC OR HIV INFECTION, THE HOSPITAL SHALL SEND A LETTER OF NOTIFICATION TO THE EMERGENCY SERVICES PROVIDER AGENCY WITHIN 72 HOURS ONLY IF ONE OR BOTH OF THE FOLLOWING CONDITIONS EXIST:
 - 1) THE POLICE OFFICERS, PARAMEDICS OR AMBULANCE PERSONNEL HAVE INDICATED ON THE AMBULANCE RUN SHEET THAT A REASONABLE POSSIBILITY EXISTS THAT THEY HAVE HAD BLOOD OR BODY FLUID CONTACT WITH THE PATIENT.
 - 2) THE HOSPITAL HAS REASON TO KNOW OF A POSSIBLE EXPOSURE OF THE POLICE OFFICERS, PARAMEDICS OR AMBULANCE PERSONNEL TO THE BLOOD OR BODY FLUIDS OF THE PATIENT.
- f) LETTERS OF NOTIFICATION SHALL BE SENT TO THE DESIGNATED CONTACT AT THE EMERGENCY SERVICES PROVIDER AGENCY LISTED ON THE AMBULANCE RUN

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.1510(b)(2) (continued)

- E) diagnostic and therapeutic reports on laboratory test results, x-ray findings, any surgical procedure performed, any pathological examination, any consultation, and any other diagnostic or therapeutic procedure performed;
- F) orders and progress notes made by the attending physician and when applicable by other members of the medical staff and allied health personnel;
- G) observation notes and vital sign charting made by nursing personnel; and
- H) conclusions as to the primary and any associated diagnoses, brief clinical resume, disposition at discharge to include instructions and/or medications and any autopsy findings on a hospital death.

- 3) For record requirements pertaining to maternity patients and newborn infants, see Section 250.1830(1).
- 4) A committee of the organized medical staff shall be responsible for reviewing medical records to ensure adequate documentation, completeness, promptness, and clinical pertinence.
- 5) Requirements for the completion of medical records and for the retention period for medical records shall be established. It is recommended that definite policies and procedures pertaining to the use of medical records and the release of medical record information be issued and that discharge diagnoses be expressed in acceptable terminology of a recognized disease nomenclature.

c) Indexing

- 1) A patient index which serves as a key to the location of the medical record of each person who is or has been an inpatient shall be maintained as a perpetual master index, using either a card index or a computer facility system. A daily register of patients admitted to the hospital and babies born in the hospital shall be maintained.
- 2) Medical records shall be classified and indexed according to diagnoses, surgical procedures, and physician and other indices shall be developed as deemed necessary for the advancement of medical care.

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 250.1510(c) (continued)

- 3) It is recommended that the latest edition of the "International Classification of Diseases," or an adaptation thereof, be used as the statistical classification for purposes of uniformity and comparability of data between and among hospitals.
- d) Preservation
- 1) All original medical records or photographs of such records shall be preserved in accordance with a hospital policy based on American Hospital Association recommendations and legal opinion.
- 2) The hospital shall have a policy for the preservation of patient medical records in the event of the closure of the hospital.
- (Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS1) Heading of the Part:

Private Sewage Disposal Code

2) Code Citation:

77 Ill. Adm. Code 905

3) Section Numbers:905.10
905.15
905.20
905.30
905.40
905.55
905.60
905.70
905.80
905.90
905.100
905.120
905.125
905.130
905.140
905.150
905.160
905.170
905.180
905.190
905.200
905.210Appendix AIllustration A
Illustration C
Illustration D
Illustration E
Illustration F
Illustration G
Illustration H
Illustration I
Illustration J
Illustration K
Illustration L
Illustration M
Exhibit A
Illustration M
Exhibit B
Illustration NProposed Action:Amendment
Amendment
Amendment
Amendment
New Section
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
New Section
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Repealed
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Amendment
Repealed
Amendment

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Illustration R
Illustration U
Appendix BAmendment
Amendment
Amendment4) Statutory Authority:

Private Sewage Disposal Licensing Act

Ill. Rev. Stat. 1989, ch. 111 1/2, par. 116.301 et seq.

5) A Complete Description of the Subjects and Issues Involved:

The existing rules establish requirements for the design, construction, operation, maintenance and service of private sewage disposal systems.

Section 905.10 This section adds definitions for Ag. Experiment Station, Effluent Receiving Trench, Graveless Seepage System, Hot Tub, Non-Residential Property, Residential Property, SCS, Soil Boring, Soil Classifier, and Soil Science Terms.

Section 905.15 This section amends several incorporated materials to reflect current editions and adds the incorporation of Standard Methods for Examination of Water and Wastewater published by the American Public Health Association and a Glossary of Soil Science Terms published by the Soil Science Society of America.

Section 905.20 This section adds requirements for the disposal of backwash water, hot tub wastewater, and floor drains wastewater. It requires cleanouts for building sewers and alternative options for storing the waste from garbage grinders. Due to the hydraulic load and contents of backwash water, hot tub wastewater and floor drains they cannot be put into a private sewage disposal system. Cleanouts provide access to building sewers. Alternate options provide choice in locating components of the sewage system.

Section 905.30 This section deletes the use of a seepage pit as a method of sewage disposal and references the new Private Sewage Mound Code (77) Ill. Adm. Code Part 906. The seepage pit concentrates pollutants from sewage and endangers groundwater due to its depth. The Private Sewage Mound Code provides another sewage disposal option.

Section 905.40 This section adds a requirement for septic tank manufacturers to record information about the delivery of septic tanks. Section 905.40 (b)(6) regarding the internal characteristics of a septic tank has been rearranged in a checklist format. Requirements for the internal dimensions for two-compartment septic tanks have been added. Records of the location of septic tank installations can be reviewed to assure a permit has been obtained as required. Currently there are no requirements for two compartment tanks. This will establish some.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905.50 This section has been amended to require seepage field laterals connected to a distribution box to be equal in length if not looped. Since a distribution box distributes sewage flows equally the receiving lines must be equal in length.

Section 905.55 This section has been added to provide the use of a soil investigation as an alternative to using a percolation test to size a subsurface seepage system. It describes the soil investigation and the information to be provided by a soil classifier. Soils information is more detailed and reproducible than percolation tests and therefore a better option for sizing a subsurface seepage system.

Section 905.60 This section has been rearranged to be more understandable. Requirements for sizing subsurface seepage systems based on information provided in the soil investigation have been added as well as requirement for the use of fill material. The use of seepage pits as a method of sewage disposal has been deleted. Since soils information is a option for sizing subsurface seepage systems the sizing requirements have been provided. The request to use fill material in the area of the subsurface seepage system is more common therefore requirements for the use of fill are appropriate. Seepage pits are being deleted as indicated in 905.30.

Section 905.70 This section adds requirements for the use of sand filters for non-residential use. It also provides for distributing effluent in larger sand filters by using a pressure dosing system. Sand filter sizing and design requirement for non-residential flows are different than residential flows, therefore the separate requirements. Larger systems also have different sizing and effluent distribution requirements.

Section 905.80 Amendments to proper references have been made.

Section 905.90 This section changes design requirement to require a septic tank prior to a waste stabilization lagoon to reduce detention time and lagoon size. In addition embankment slopes have been adjusted to reduce water weed growth and improve mowing capabilities.

Section 905.100 Aerobic treatment plants are mechanical units requiring routine maintenance. This section adds a part requiring semi-annual maintenance of aerobic units or as an option, testing of the effluent to show the aerobic treatment plant is functioning properly. Requirements for service and non-residential use have been added. Aerobic treatment plants sizing and design requirements for non residential flows or different than residential flow, therefore the separate requirements.

Section 905.110 Requirements further outlining how surface discharges can be used have been added. Examples are given for further clarification. These amendments give further detail on the proper location and use of surface discharges. This section also requires the use of Effluent

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Receiving Trenches to reduce the flow of treated effluent to the ground surface.

Section 905.120 This section makes amendments reflecting changes made in Section 905.110.

Section 905.125 This section is added providing requirements for the use of pumps, dosing/pump chambers and ancillary equipment. Pumps, pump chambers, and warning devices are used more in repairing sewage systems. This section sets minimum requirements for their use.

Section 905.130 The Private Sewage Act regulates portable toilets and the previous code had no minimum requirement. This section adds requirements for the construction of portable toilets.

Section 905.140 Certain floor drain wastes, oils, solvents are detrimental to a private sewage disposal system. This section adds a requirement for receiving automotive floor drain wastes to holding tank and for proper disposal of that waste.

Section 905.150 This section amends the requirement that a sanitary dump station be separate from any other private sewage system. Recreation vehicle holding tanks which dispose of waste to a sanitary dump station contain chemicals which must not be discharged into a private sewage disposal system.

Section 905.160 This section deletes seepage pits as a system into which swimming pool waste water can be discharged. Seepage pits are being deleted as indicated in 905.30.

Section 905.170 This section incorporates former Section 905.210 "Notification of Disposal Site" into this section. Requirements for the disposal of waste from portable toilets has been added. Waste from portable toilets contain chemicals which cannot be disposed of in all locations like seepage.

Section 905.180 This section adds a requirement of a waiting period after a person has failed the exam two times in a calendar year. Persons who fail the exam twice have demonstrated their inability to understand the requirements of the code. In addition, the number of different test questions are limited and time discourages familiarity with the test questions.

Section 905.190 This section adds a requirement for persons who cover a private sewage disposal system without obtaining a construction approval to uncover the system for inspection. Persons who cover private sewage systems prior to inspection make inspection difficult or impossible. Especially when a permit to install the system was not obtained. Contractor and soil classifier responsibilities are outlined so everyone

ILLINOIS REGISTER

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

knows who is responsible for what activities.

Section 905.210 This section is deleted and transferred to Section 905.170.

905. Appendix A. Illustrations and exhibits in this section have been added, changed and deleted to accurately reflect changes in Section 905.10 through 905.210. Items such as new drawings, updated pipe listing, amended percolation test procedure, subsurface system sizing charts and a soil suitability chart have been updated.

The economic effect of this proposed rulemaking is unknown. There, the Department requests any information that would assist in calculating this effect. The Department anticipates that this proposed rulemaking will become effective approximately six to nine months, from the date of publication as proposed in the Illinois Register.

6) Will this Rulemaking Replace an Emergency Rule Currently in Effect?

Yes ☐ No ☒

7) Does this Rulemaking Contain an Automatic Repeal Date? Yes ☐ No ☒

If "yes," please specify the date: _____

8) Does this Rulemaking Contain Any Incorporations By Reference?

Yes ☒ No ☐

If "yes," please specify type: 6.02(a) ☒ or 6.02(b) ☐

9) Are there any other Proposed Amendments Pending on this Part?

Yes ☐ No ☒

If Yes: _____

Section Numbers	Proposed Action	Ill. Reg. Citation

10) Statement of Statewide Policy Objectives:

Please specify: This rulemaking does not effect a municipality, county township, other unit of government, school district or community college district.

11) Time, Place, and Manner in which Interested Persons May Comment on this Rulemaking:

ILLINOIS REGISTER

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Interested persons may present their comments concerning these rules by writing to Mr. Robert John Kane, Division of Governmental Affairs, Illinois Department of Public Health, 525 West Jefferson, Second Floor, Springfield, Illinois 62761 within 45 days after this issue of the Illinois Register.

These rules may have an impact on small businesses. In accordance with Sections 3.01 and 4.03 of the Illinois Administrative Procedure Act, any small business may present their comments in writing to Robert John Kane at the above address.

Any small business (as defined in Section 3.10 of the Illinois Administrative Procedure Act) commenting on these rules shall indicate their status as such, in writing, in their comments.

NOTICE OF PUBLIC HEARING ON PROPOSED AMENDMENTS

Date, Time and Location of Public Hearing:

October 22, 1990, 10:00 a.m.
First Floor Training Room
Illinois Department of Public Health
525 West Jefferson
Springfield, Illinois 62761

Other Pertinent Information:

The hearings will be for the sole purpose of gathering public comment on the proposed amendments. Persons interested in presenting testimony at this hearing are advised that the Department will adhere to the following procedures in the conduct of the hearing:

1. Each person presenting oral testimony shall provide to the Hearing Officer a written (preferably typed) copy of such testimony at the time the oral testimony is presented. No oral testimony shall be accepted without such written copy of the testimony being provided.
2. Each person presenting oral testimony will be limited to fifteen (15) minutes for the presentation of such testimony.
3. No person will be recognized to speak for a second time until all persons wishing to testify have done so. All testimony shall conclude at the specific times except that an individual in the midst of presenting testimony shall be allowed to complete his/her testimony.
4. In order to provide for a balanced presentation of views and to facilitate the orderly conduct of the hearing, the Hearing Officer may impose such other rules of procedure, including the order of call

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

of witnesses, as he/she deems necessary.

12) Initial Regulatory Flexibility Analysis:

- A) Date Rulemaking was Submitted to the Business Assistance Office of the Department of Commerce and Community Affairs:

- B) Type of Small Businesses Affected:

Manufacturers of Septic Tanks and Private Sewage Contractors

- C) Reporting, Bookkeeping or Other Procedures Required for Compliance:

Manufacturer of septic tanks will be required to record information about each septic tank sold or delivered but this information would not be required to be submitted or reported to the Department.

- D) Types of Professional Skills Necessary for Compliance:

None.

The full text of the Proposed Amendments begins on the next page:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

TITLE 77: PUBLIC HEALTH
CHAPTER I: DEPARTMENT OF PUBLIC HEALTH
SUBCHAPTER V: WATER AND SEWAGE

PART 905

PRIVATE SEWAGE DISPOSAL CODE

Section	
905.10	Definitions
905.15	Incorporated Materials
905.20	General Requirements
905.30	Approved Private Sewage Disposal Systems
905.40	Septic Tanks
905.50	Distribution Boxes
905.55	Subsurface Seepage System Design Requirements
905.60	Subsurface Seepage System Requirements
905.70	Buried Sand Filters
905.80	Recirculating Sand Filter
905.90	Waste Stabilization Ponds
905.100	Aerobic Treatment Plants
905.110	Surface Discharges
905.120	Disinfection
905.125	Pumps, Pumping/Dosing Chambers, Ancillary Equipment
905.130	Human Waste Disposal
905.140	Holding Tanks
905.150	Sanitary Dump Stations
905.160	Swimming Pool Wastewater
905.170	Servicing, Cleaning, Transporting and Disposing of Wastes From Private Sewage Disposal Systems
905.180	Examinations for Licensure
905.190	Installation Approval
905.200	Licenses and Fees
905.210	Notification of Disposal Site (Repealed)
APPENDIX A	Illustrations and Exhibits
ILLUSTRATION A	Quantity of Sewage Flows
ILLUSTRATION C	List of Approved Plastic Pipe for Septic Uses
ILLUSTRATION D	Location of Components of Private Sewage Disposal Systems
ILLUSTRATION E	Septic Tanks
EXHIBIT A	Septic Tank with Slip-In Baffles
EXHIBIT B	Septic Tank with T-Baffles
EXHIBIT C	Typical Gas Deflection Devices
ILLUSTRATION F	Minimum Volumes for Septic Tanks Serving Residential Units
ILLUSTRATION G	Instructions for Conducting Percolation Tests
ILLUSTRATION H	Subsurface Seepage System Size Determination
EXHIBIT A	Gravel System
EXHIBIT B	Gravelless System

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

ILLUSTRATION I	Seepage Field Construction
EXHIBIT A	Standards - Gravel System
EXHIBIT B	Size and Spacing - Gravel System
EXHIBIT C	Standards - Gravelless System
EXHIBIT D	Size and Spacing - Gravelless System
ILLUSTRATION J	Septic Tank Subsurface Seepage Field
EXHIBIT A	Plan View - Gravel System
EXHIBIT B	Section View - Gravel System
EXHIBIT C	Plan View - Gravelless System
EXHIBIT D	Section View - Gravelless System
ILLUSTRATION K	Serial Distribution
EXHIBIT A	Plan View #1 - Gravel System
EXHIBIT B	Section View #1 - Gravel System
EXHIBIT C	Plan View #2 - Gravel System
EXHIBIT D	Section View #2 - Gravel System
EXHIBIT E	Plan View #1 - Gravelless System
EXHIBIT F	Section View #1 - Gravelless System
EXHIBIT G	Plan View #2 - Gravelless System
EXHIBIT H	Gravelless System
ILLUSTRATION L	Seepage Bed
EXHIBIT A	Plan View
EXHIBIT B	Side View
EXHIBIT C	End View
ILLUSTRATION M	Soil Suitability for On-Site Design Seepage-Pits
EXHIBIT A	Vertical Wall Areas (Repealed)
EXHIBIT B	Construction Views (Repealed)
ILLUSTRATION N	Buried Sand Filter
EXHIBIT A	Plan View
EXHIBIT B	End View
EXHIBIT C	Section View
EXHIBIT D	Manifold to Lateral Connections
EXHIBIT E	Minimum Lateral Diameter for Plastic Pipe
EXHIBIT F	Perforation Discharge Rates vs. Perforation Diameter
EXHIBIT G	Pressure Distribution System - Center Manifold
EXHIBIT H	Pressure Distribution System - End Manifold
ILLUSTRATION O	Recirculating Sand Filter System
EXHIBIT A	System Diagram
EXHIBIT B	Flow Splitter Detail
ILLUSTRATION P	Recirculating Sand Filter Sizing Chart
ILLUSTRATION Q	Recirculation Tank Pump Control
ILLUSTRATION R	Waste Stabilization Pond
EXHIBIT A	Plan View
EXHIBIT B	Section View
EXHIBIT C	Lagoon Surface Area in Square Feet
ILLUSTRATION S	Chlorine Contact Tank
EXHIBIT A	Minimum Required Chlorine Contact Tank Volume
EXHIBIT B	Chlorine Feeder, Contact Tank, and Sampling Port
ILLUSTRATION T	Sanitary and Concrete Vault Privy

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

ILLUSTRATION U	Septic Privy Distribution System
EXHIBIT A	Plan View
EXHIBIT B	Section View
ILLUSTRATION V	Sanitary Dump Station
EXHIBIT A	Section View #1
EXHIBIT B	Plan View
EXHIBIT C	Section View #2
ILLUSTRATION W	Swimming Pool Backwash Water Holding Tank
APPENDIX B	Telephone or Address Inquiries to the Regional Office

AUTHORITY: Implementing and authorized by the Private Sewage Disposal Licensing Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 116.301 et seq.).

SOURCE: Filed October 19, 1974, effective October 25, 1974; rules repealed, new rules adopted at 6 Ill. Reg. 3095, effective March 9, 1982; amended at 8 Ill. Reg. 8552, effective June 4, 1984; codified at 8 Ill. Reg. 19821; amended at 9 Ill. Reg. 20738, effective January 3, 1986; amended at 10 Ill. Reg. 11054, effective July 1, 1986, amended at 14 Ill. Reg. _____, effective _____.

Section 905.10 Definitions

In addition to the definitions contained in the Private Sewage Disposal Licensing Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 116.301 et seq.), the following definitions shall apply:

"Aerobic Treatment Plant" means equipment or devices for the treatment of sewage by the forced addition of air or oxygen.

"Ag. Experiment Station" means the University of Illinois Agricultural Experiment Station.

"Approved" or "Approval" means accepted by or acceptable to the Department.

"ASTM" means the American Society for Testing and Materials.

"Building Sewer" means that part of the horizontal piping of a drainage system which extends from the end of the building drain, receives the discharge of the building drain and conveys it to a public sewer, private sewer, individual sewage disposal system, or other point of disposal. The building sewer commences five feet outside the building foundation wall.

"Effluent Receiving Trench" means a seepage line of gravel or gravel less design used to receive the treated discharge from an aerobic treatment plant, sand filter, or lagoon prior to discharge to the ground surface or other location.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

"Effective Size" means the size of screen opening where 90 percent by weight of a sample of filter media is retained on the screen and 10 percent passes through the screen.

"Gravelless Seepage System" means the use of approved perforated 8" or 10" diameter, filter wrapped, plastic pipe, used in lieu of 4" inch pipe and gravel in subsurface fields and serial distribution systems.

"Hot Tub" means an artificial container of water with a liquid capacity greater than 100 gallons and designed with a mechanical air injection system and/or recirculating device. These devices may filter and/or disinfect the water for reuse and are not intended to be drained between uses.

"Liquid Capacity" means the volume of a tank below the invert of the outlet line.

"Local Authority" means a local unit of government which enforces a private sewage disposal ordinance which has been approved by the Department; or a local health department which has been designated an agent of the State for conduct of the Private Sewage Disposal Program.

"Non-Residential Property" means any property which is not residential property.

"NSF" means the National Sanitation Foundation, an independent testing laboratory.

"Residential Property" means single family homes or multi-family units intended for people to occupy as living quarters which are not used to conduct business.

"SCS" means the Soil Conservation Service.

"Septage" means the solid and liquid wastes removed from private sewage disposal systems.

"Shall" means the stated provision is mandatory.

"Soil Boring" means an observation pit, dug by hand or backhoe, or an undisturbed soil core taken intact and undisturbed by a probe except in gravelly materials.

"Soil Classifier" means one of the following:

A certified soil classifier of the Illinois Soil Classifiers Association (ISCA) or a certified soil classifier with the

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

American Registry of Certified Professionals in Agronomy, Crops and Soils (ARCPACS).

A person who is an associate member of either the Illinois Soil Classifiers Association (ISCA) or the American Registry of Certified Professionals in Agronomy, Crops and Soils (ARCPACS) provided that direct supervision is provided to this person by an ISCA or ARCPACS certified soil classifier who accompanies the person on at least 10 per cent of the soil investigations and reviews and signs all of that person's soil investigation reports.

A person who is a registered sanitarian or registered environmental health specialist with the National Environmental Health Association (NEHA) or a registered environmental health practitioner with the Illinois Environmental Health Association (IEHA) or a registered professional engineer with the Illinois Department of Professional Regulation provided this person shall be employed by a local health department and shall have been performing soil investigations for the design of private sewage disposal systems for at least two years. During any part of such two years that takes place after the effective date of this Part, the investigations shall be supervised by a soil classifier. This person shall have successfully completed at least one day of classroom training on soil classification related to the design of private sewage disposal systems and two days of field instruction, and shall notify the Department of his experience and training. This instruction shall have been provided by an ISCA or ARCPACS certified soil classifier or by SCS. A person who meets the experience requirement and has successfully completed the training requirements is approved to evaluate soil for the design of private sewage disposal systems only in the specific county for which they work for that local health department and for which the field training occurred.

"Subsurface Seepage System" means a subsurface seepage field, seepage bed, seepage pit, or an 8" or 10" gravelless seepage bed system.

"Uniformity Coefficient" means a number obtained by dividing that size of sand in millimeters of which 60 percent by weight is smaller, by that size of sand in millimeters of which 10 percent by weight is smaller.

"Waste Water Source" means any equipment, facility, or other source of any type whatsoever which discharges wastewater, directly or indirectly into the waters of the State.

"Water Table" means the upper limit of the portion of the soil which

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

is completely saturated with water. The seasonal high water table is the highest level to which the soil is saturated, as may be indicated by mottling (soil color patterns).

Soil science terms used throughout the text of this Code are defined in the Glossary of Soil Science Terms (July 1987) unless otherwise defined.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.15 Incorporated Materials

a) The following federal and state regulations, standards, and statutes are incorporated or referenced in various sections of this part:

- 1) National Sanitation Foundation, Criteria C-9, Evaluation of Special Processes, Components, or Devices Used in Treating Wastewater (1983) and published by:

The National Sanitation Foundation
3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106.

Referenced in Section 905.30

- 2) National Sanitation Foundation, Standard Number 40, Individual Aerobic Wastewater Treatment Plants (1983) and published by:

The National Sanitation Foundation
3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106.

Referenced in Section 905.100

- 3) National Sanitation Foundation, Standard Number 41, Wastewater Recycle/Reuse and Water Conservation Devices (1983) and published by:

The National Sanitation Foundation
3475 Plymouth Road, P.O. Box 1468
Ann Arbor, Michigan 48106.

Referenced in Section 905.130

- 4) A) Private Sewage Mound Code (77 Ill. Adm. Code 906) Illinois Department of Public Health. Referenced in Section 905.30
Requirements for the design of Wastewater Mounds in Illinois (1983)-Illinois Department of Public Health

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

++ PART-I-of-this-Manual-is-taken-from-the-material printed-in-the-"Design-and-Construction-Manual-for Wastewater-Mounds"-September-1978.

+++ PART-II-of-this-Manual-is-reprinted-from-the-"Design of-Pressure-Distribution-Networks-for-Septic-Tank-Soil Absorption-Systems"-January-1981-University-of Wisconsin.

9) Parts-I-and-II-are-published-by:

State-Water-Management-Project
University-of-Wisconsin
Madison-Wisconsin-53706.

- 5) American Society for Testing and Materials (ASTM) required standard are listed under Section 905. APPENDIX A, Illustration 6. List of approved plastic pipe for septic private sewage disposal system uses, and standards may be obtained from:

American Society for Testing and Materials
1916 Race Street
Philadelphia, PA. 19103

Referenced in Section 905.40, 905.60, 905.70

- 6) Illinois Plumbing Code 1993 (77 Ill. Adm. Code 890) Illinois Department of Public Health.

Referenced in Section 905.150, 905.200

- 7) Recreational Areas Rules (77 Ill. Adm. Code 800) Illinois Department of Public Health.

Referenced in Section 905.150

- 8) Rules of Practice and Procedure in Administrative Hearings (77 Ill. Adm. Code 100) Illinois Department of Public Health.

Standard methods for examination of water and wastewater and published by:

American Public Health Association
1015 8th Street
Washington, D.C. 20036

Referenced in Section 905.110

- 10) Glossary of Soil Science Terms (July 1987) and published by:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

The Soil Science Society of America
577 South Segoe Road
Madison, Wisconsin 53711

- 11) Environmental Protection Act (35 Ill. Adm. Code 300)
Illinois Environmental Protection Agency

Referenced in 905.110, 905.170

- b) All incorporations by reference of federal regulations and the standards of nationally recognized organizations refer to the regulations and standards on the date specified and do not include any additions or deletions subsequent to the date specified.
- c) All citations to federal regulations in this Part concern the specified regulation in the 1990 Code of Federal Regulations, unless another date is specified.
- d) All materials incorporated by reference are available for inspection and copying at the Department's Central Office, Division of Environmental Health, 525 West Jefferson, Springfield, Illinois 62761.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.20 General Requirements

- a) Rate of Flow for Domestic Sewage. Each unit of the private sewage system shall be designed to treat the volume of domestic sewage discharged to it. The volume of sewage flow shall be determined from Appendix A, Illustration A. For non-residential establishments, the Department will consider the use of actual flow volumes obtained from similar installations in lieu of the quantities contained in Appendix A, Illustration A, when the flow data is documented. Examples of the documentation that could be accepted would be actual measurements of the quantity of wastewater, or water use receipts. When the sewage flow exceeds 1500 gallons per day, and there is a surface discharge, then approval shall be obtained from the Illinois Environmental Protection Agency.
- b) Type of Waste. A private sewage system shall be designed to receive all waste from the buildings served. No cooling water, groundwater, discharge from roof drains, discharge from footing tile drains, swimming pool wastewater, or other clear water discharges shall be directed to the private sewage disposal system. Waste products such as grease, oils, solvents, chemicals, etc. generated by a facility shall not be discharged to a private sewage disposal system. These waste products shall be handled according to (35 Ill. Adm. Code

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

700). No automotive grease or oil or hot liquid wastes or other than domestic waste shall be discharged to a private sewage system.

- 1) Backwash water from a water softener shall discharge to one of the following:
- A) A septic tank followed by a seepage field, sand filter or lagoon.
 - B) The effluent discharge line of a sand filter, lagoon or aerobic treatment plant.
 - C) A separate subsurface seepage system provided the seepage field is designed to accommodate the flow from this device on a daily basis.
 - D) The ground surface providing the discharge does not pond or create a nuisance.
- 2) Hot tub wastewater. Wastewater generated by a hot tub or other similar device shall be discharged to one of the following:
- A) A separate subsurface seepage system providing seepage field is designed to accommodate the flow from the hot tub on daily basis.
 - B) The seepage field serving the domestic wastewater flow providing the seepage field is increased in size to accommodate the additional flow from the hot tub on a daily basis. This drainage shall be piped around the septic tank and directly into the seepage field.
 - C) To the effluent discharge line of a sand filter, aerobic treatment plant or lagoon. The effluent receiving trench shall be increased in size to accommodate the flow from the hot tub on a daily basis.
- 3) Drains or fixtures receiving any product other than domestic sewage shall be discharged to a holding tank and not to a private sewage disposal system.
- c) Individual Service. The use of a private sewage system to serve more than one property is prohibited except where a common property is provided, under joint ownership of the users, or where the system is under public jurisdiction or managed by a district established for the maintenance of such systems.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- d) Water and Sewer Line Separation. The following criteria shall govern the separation of water supply lines and sewer lines:

- 1) Horizontal Separation. Sewers shall be installed at least 10 feet horizontally from any existing or proposed water line. When local conditions prevent a lateral separation of 10 feet, a sewer may be laid closer than 10 feet to a water line provided that the elevation of the crown of the sewer is at least 18 inches below the invert of the water line.
- 2) Crossings. Where sewer lines must cross water lines, the sewer line shall be laid at such an elevation that the crown of the sewer line is at least 18 inches below the invert of the water line. This vertical separation shall be maintained for that portion of the sewer line located within 10 feet horizontally of any water line it crosses. When sewer lines must cross above water lines, the sewer lines shall be Schedule 40 or equivalent material and with water tight joints.

- e) Sanitary Sewer. New or renovated private sewage disposal systems shall not be approved where a public sanitary sewer is available for connection. A public sewer is available for connection when it is within 200 feet of a residential property or within 1000 feet of a non-residential property unless a physical barrier or local ordinance exists which prevents connection to the sewer. Annexation to a municipality or sanitary district shall not be a condition which prevents connection to the public sanitary sewer pursuant to this part.

- f) Acceptable Pipe Materials.

- 1) All piping located more than five feet from the building foundation, used to convey wastewater to a private sewage disposal system, shall be considered a part of the private sewage disposal system and shall be watertight. All piping located from a point five feet from the building foundation to a point six feet beyond the septic tank shall be ductile iron, vitrified clay, asbestos-cement, or plastic pipe. Only vitrified clay or plastic pipe shall be used from the septic tank and after the distribution box (where used). Perforated pipe or open-jointed tile shall be used only as provided in this Code.
- 2) Use of plastic pipe and fittings shall conform to the uses designated in Appendix 6, A, Illustration C.
- 3) Piping used to carry domestic sewage under areas such as driveways, roads, or parking areas shall be Schedule 40

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

equivalent or greater.

- g) Pipe Size and Slope. All solid pipes carrying domestic sewage by gravity flow shall have an inside diameter of at least four inches and a minimum slope of 12 inches per 100 feet.
- h) Prohibited Discharges. There shall be no discharge of raw or improperly treated domestic sewage to the surface of the ground or to farm tiles, streams, rivers, ponds, lakes, or other collectors of water. Improperly treated domestic sewage is sewage that does not meet the effluent requirements of Section 905.110(b) or sewage which comes directly from a septic tank or building sewer. Domestic sewage or effluent from any private sewage disposal system or component shall not be discharged into any well, cistern, basement or into any underground mine, cave, sinkhole or tunnel.

- i) Pipe Length. Building sewers in excess of fifty (50) feet in length which carry waste water from the buildings served to the septic tank, distribution box or aeration treatment plant shall be provided with at least one clean-out every 50 feet.

- j) Private Sewage Disposal System Development. The following factors shall govern the development of a private sewage disposal system:

- 1) Drainage. A private sewage disposal system shall not be located in areas where surface water will accumulate. Provisions shall be made to minimize flow of surface water over the private sewage system. Examples of such provisions would be the use of dikes, embankments, ditches or flow diverters.
- 2) Distances. The location of the various components of a private sewage disposal system shall comply with Appendix A: Illustration D.
- 3) Area Reserved for Sewage Disposal. The area to be used for a private sewage disposal system shall be selected and maintained so that it is free from encroachment by driveways, accessory buildings, swimming pools, parking areas, buried lawn sprinkling systems and underground utility services.
- 4) Water Table. Subsurface sewage systems should not be constructed in areas where the groundwater table is within four feet of the bottom of the trench or the bed.
- 4) Limestone Formations. A subsurface sewage system shall not be constructed in an area where there is less than four feet of soil between the lowest point in a subsurface sewage system and the top of a creviced limestone formation. In areas where

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

creviced limestone is known to occur, a soil boring or backhoe excavation to a depth of at least four feet below the bottom of the subsurface seepage system shall be made.

- 14) Warning Devices. Any component of a private sewage disposal system which is electrically activated shall be provided with a visible and audible warning device placed within the building served.
- 14) Variances. If conditions exist at a proposed installation which make impractical or impossible compliance with the requirements of this Part, a variance may be requested by submitting to the Illinois Department of Public Health, Division of Environmental Health Division of Engineering and Sanitation at 535 West Jefferson Street, Springfield, Illinois 62761 or appropriate local authority a written proposal which is to be used in lieu of compliance with this Part. Such written request shall include pertinent data such as soil conditions, water table elevations, drainage patterns and distances to water supplies in order to support the request. The capability of the system to comply with the intent of this Part will be the basis for approval or denial of the variances. The Department or local authority will notify the applicant in writing of its decision to either grant or deny the variance. A variance shall be requested and approved before construction begins.

- 14) Experimental Use Permits. If a private sewage disposal system or component is of a new and/or innovative type and does not comply with the requirements of this Code, the homeowner or private sewage contractor may request an experimental use permit. Such a request shall be submitted in writing to the Illinois Department of Public Health, Division of Environmental Health Division of Engineering at 535 West Jefferson Street, Springfield, Illinois 62761 prior to construction or installation, and shall meet the following requirements:

- 1) The request shall specify the type of proposed system or component to be used and be accompanied by plans, specifications, and engineering data to support the system's compliance with the general requirements under Section 905.20 and with the effluent criteria under Section 905.110 for surface discharges, if applicable.
- 2) Information (such as topographical or plat maps) regarding the location of each installation shall be provided to the Department.
- 3) The homeowner, private sewage disposal system installation contractor, and/or manufacturer shall provide the Department

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

with proof that area is available for installation of an approved system should the experimental system fail.

- 4) The homeowner, private sewage disposal system installation contractor, and/or manufacturer shall guarantee in writing the replacement of the experimental system with an approved system if the experimental system fails to perform in accordance with any of the Sections of this Part, or with criteria established as a condition to approval of the system.
- 5) The private sewage disposal system installation contractor and/or the manufacturer shall notify the homeowner or the person obtaining the experimental use permit, of the aforementioned guarantee, and of the minimum standards of the Illinois Private Sewage Disposal Code which must be met.
- 6) The Department will issue an experimental permit for new systems designed and intended to discharge directly to the surface, pursuant to Section 905.20(c), when the system has been approved by National Sanitation Foundation (NSF)-IA accreditation with NSF-Criteria 2-6-9-11983.

14)

Experimental Use Evaluation. Upon receipt of the above information, the Department will review the experimental system to determine the system's capability of being considered equal to or more stringent than, applicable Sections in this Code, and will notify the applicant, in writing, of its decision to grant or deny the request. If approved, the Department will issue an "Experimental Use Permit" for each installation up to 50 30 installations in the State. A minimum of five ten such installations shall be evaluated before an unconditional approval may be granted. The experimental permit shall be valid for a maximum period of two three years, during which time, the Department will evaluate the performance of the experimental system. At the end of the two three year evaluation period, the Department will make a determination as to the system's acceptability. The system will be deemed unacceptable when sewage erupts from the ground or effluent from the system does not meet the criteria of Section 905.110(c). If acceptable, the experimental system shall become an approved private sewage system. If found to be unacceptable, the experimental system shall not be approved for use as a private sewage disposal system and shall be replaced with an approved private sewage disposal system. The Department shall notify the applicant in writing of its final determination.

o)

Garbage Grinders. When garbage grinders are used in residential property, solids shall be retained by one of the following methods:

- 1) A solids retention tank constructed in accordance with Section

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

905.40 shall be placed between the wastewater source and the septic tank to intercept solids from the garbage grinder. This tank shall receive waste from the garbage grinder(s) or the kitchen wastes only. No other fixtures shall discharge into this tank. The solids retention tank shall be at least 50% in liquid volume of the septic tank sized for the waste from the rest of the property, however, the minimum size tank to be used shall be 500 gallon.

- 2) A Septic tank receiving all flows from the property sized in accordance with Appendix A, Illustration F.

p) Whenever an existing private sewage disposal system is repaired or replaced, that portion of the system being repaired or replaced shall comply with all the requirements of this part.

q) Floodplains. Where a private sewage disposal system is to be placed in an identified special flood hazard area, the property owner must comply with the local floodplain ordinance and regulations pertaining to such systems so as to minimize infiltration into or contamination from such systems during flooding.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.30 Approved Private Sewage Disposal Systems

a) General.

- 1) The following systems are approved for private sewage disposal when designed, constructed, operated, and maintained in accordance with this Code:

A) Septic tank or Imhoff tank followed by:

- i) Subsurface seepage field
- ii) Seepage bed
- +++ Seepage-pit
- iii) Sand filter (buried or recirculating)
- iv) Waste stabilization pond
- v) 8" or 10" gravelless seepage bed system

- B) Aerobic treatment plant discharging to supplementary treatment or to the surface, as provided in Section 905.100 and 905.110.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

G) ~~Waste-stabilization-pond.~~

C) Privies, chemical toilets, recirculating toilets, incinerator toilets, compost toilets.

DE) ~~Waste-in Mounds designed in accordance with the requirements for the Design-of-Waste-in-Mounds-in-Illinois Private Sewage Mound Code, 1983-Edition (7 Ill. Adm. Code Part 906).~~

EF) Any other system for which a variance in accordance with Section 905.20(1) has been issued or for which an experimental permit in accordance with Section 905.20(m) has been issued.

- 2) All other systems or components are not approved.

b) System Approval. Installation of systems which are not listed in Section 905.30(a) and which are designed for surface discharge will only be allowed when such systems are in accordance with the National Sanitation Foundation Standard C-9 (1983).

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.40 Septic Tanks

a) Septic Tank Approval. Manufacturers of prefabricated septic tanks shall submit three sets of plans for each size and configuration of septic tank to the Department for approval. Such plans shall be drawn to scale and show all dimensions, baffles, tees, clean outs, and material specifications. A written approval for each size tank shall be provided by the Department when the plans are found to conform to the requirements of this Code.

- 1) The Department shall issue an approval number to each manufacturer for each series of approved septic tanks, and shall maintain a listing of the approved manufacturers and approved septic tank series.

- 2) No prefabricated septic tank shall be sold, offered for sale, or installed other than those which have been approved by the Department. The tank shall bear the manufacturer's approval number and the liquid capacity of the tank, in gallons, prominently displayed on the outside end wall of the tank above, or next to the outlet pipe so that this information is readily visible after installation & prior to covering. The Illinois Department of Public Health approval number shall not be used on any tank other than the septic tank for which it has been issued.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 3) All persons who manufacture, sell, offer for sale or deliver septic tanks or aerobic treatment plants in or into the State of Illinois shall record the following information about each septic tank sold or delivered. This information shall be available for inspection by the Department or local authority.

- A) Name of purchaser and/or property owner (if different)
- B) Location of Delivery (county and address, legal description or driving directions)
- C) Date of sale and delivery
- D) Size of septic tank or model of aerobic unit

- b) Septic Tank Construction. Septic tanks shall be designed and constructed in accordance with the following: (Appendix A, Illustration E is an illustration of these requirements)

- 1) A septic tank shall be watertight and constructed of sound and durable materials not subject to excessive corrosion, decay, frost damage, or cracking due to settling or backfilling.

2) Engineering Specifications

- A) The tank shall support a top-dead load of not less than 500 pounds per square foot, and concrete tanks shall have a minimum 28 day compressive strength of 3000 pounds per square inch (psi).

- B) Tanks must be designed and constructed so that they will not collapse or rupture when subjected to anticipated earth and hydrostatic pressures when the tanks are either full or empty. The manufacturer, design engineer, and/or structural engineer shall certify in writing to the Department that the tank is designed and constructed to meet the load requirements of this Part. If additional loading is anticipated, the tank shall be strengthened to accommodate the additional loading.

- 3) Materials. Septic tanks shall be constructed of the following approved materials:

- A) Poured-in-place reinforced concrete.
- B) Precast reinforced concrete.
- C) Concrete block, provided that the core is filled with

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

concrete and reinforcing rods are inserted in the core prior to pouring.

- D) Reinforced plastic.
- E) Reinforced fiberglass.
- F) Thermoplastic.

- 4) Depth. The minimum liquid depth of the tank shall be 42 inches, and the maximum liquid depth shall be 72 inches.

- 5) Inlet and Outlet Connections.

- A) The invert elevation of the inlet shall be at least two inches above the liquid level in the tank.

- B) The inlet and outlet openings of the septic tank shall be provided with cast in water tight openings.

6) Baffles. Septic tank baffles shall meet the following requirements:

- A) Inlet baffles shall be provided and shall extend at least six inches below the surface of the liquid.

- B) Inlet baffles shall be located no farther than 12 inches from the inlet orifice.

- C) Inlet and outlet baffles shall extend to within three inches of the tank lid.

- D) Outlet baffles shall be provided and shall extend to a depth of at least 40 percent but not greater than 50 percent of the liquid depth.

- E) Outlet baffles shall be located no farther than six inches from the outlet orifice.

- F) There shall be a clearance of at least one inch of free space between the underside of the tank lid and the baffles.

- G) Slip-in baffles shall extend the full width of the tank.

- H) The sides of "Y" or semi-circular type baffles shall fit tightly against the end wall of the tank.

- I) Venting shall be provided through all baffles and a free

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

vent area equal to the cross-sectional area of the house sewer shall be provided.

J) Submerged pipe T-branches or sanitary tees may be used at the inlets and outlets in lieu of baffles, provided all of the above stated distances and depths are maintained.

K) Submerged pipe T-branches or sanitary tees used as inlet baffles shall be six inches in diameter or larger.

L) Submerged pipe T-branches or sanitary tees shall meet the requirements of ASTM 2601, ASTM 2605 or ASTM 3034, ASTM 3033, or ASTM 2751 provided the pipe does not have an SDR (Standard Dimension Ratio) number greater than 35.

M) When submerged pipe T-branches or sanitary tees are used as baffles it shall be the responsibility of the septic tank manufacturer to assure proper location of components during initial installation.

N) A gas deflection baffle shall be provided below the outlet of the tank configured to deflect rising gas bubbles away from the outlet structure and toward the interior of the tank. This baffle shall be constructed of a durable material not subject to corrosion or decay.

6) Baffles--Inlet baffles shall be provided and shall extend at least six inches below the surface of the liquid--Baffles shall and to within at least three inches of the tank lid. Outlet baffles shall be provided and shall be located no farther than six inches from the outlet orifices--Outlet baffles shall extend to a depth of at least 40 percent of the liquid depth--There shall be a clearance of at least one inch of free space between the top of the tank and the baffles. Slip-in type baffles shall extend the full width of the tank. The sides of "Y" or semi-circular type baffles shall fit tightly against the end wall of the tank--Venting shall be provided through all baffles--Submerged pipe T-branches or sanitary tees may be used at inlets and outlets in lieu of baffles, provided all of the above stated distances and depths are maintained.

7) Access. Access shall be provided over the inlet and outlet of the tank to facilitate inspection and cleaning. The manhole or access opening shall have a tapered lid with a minimum dimension of 12 inches (width or diameter). Risers shall be watertight and constructed of a durable material. If the top of the tank is greater than 12 inches below the ground surface a riser with

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

a minimum dimension of 12 inches (width or diameter) shall be provided to bring access over the inlet and outlet to within 12 inches of the ground surface. The joint between the septic tank and the riser(s) shall be watertight. A manhole or access port extension collar or pipe with a minimum dimension (width or diameter) of 12 inches shall be provided by the private sewage disposal contractor to bring access to the tank to within twelve inches of the ground surface. If a two compartment tank is used, the opening over the wall between the compartments shall have access provided within 12 inches of the ground surface.

c) Capacity.

1) Septic tanks for individual residences shall be sized in accordance with Appendix A, Illustration F. Septic tanks for any establishment other than residential property units shall be sized in accordance with the estimated flow provided in Appendix A, Illustration A and as follows:

2) The volume below the liquid level for flows up to 500 gallons per day shall be at least 750 gallons. For flows greater than 500 gallons per day and less than 1500 gallons per day, the volume shall be equal to at least one and one-half times the estimated daily sewage flow. For flows greater than 1500 gallons per day, but less than 14,500 gallons per day, the volume shall be 1,125 gallons plus 75 percent of the daily sewage flow. For flows in excess of 1,500 to 500 gallons per day, the Department or local authority shall be consulted in order to assure that problems do not exist in the disposal of large flows and to determine whether or not the system would be regulated by Illinois Environmental Protection Agency Regulations. When the total flow exceeds 1,350 gallons per day, two or more tanks in series, or a multi-compartment tank, shall be installed.

d) Multiple Tanks or Compartments. When multiple compartment septic tanks or multiple septic tanks in series are used, the capacity of the first compartment or tank shall be one-half to two-thirds of the total required capacity. Two compartment tanks shall also comply with the following:

1) The wall separating the first and second compartments shall be tight-fitting.

2) The wall separating the compartments shall extend to within three (3) inches of the tank lid and shall have a free vent area equal to the cross-sectional area of the house sewer.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 3) The center of the opening between compartments shall be in line with the center of the inlet and outlet openings.
- 4) The opening between the compartments shall be four inches with a pipe configuration of a down turned U.
- 5) The depth to the invert of the opening between compartments shall be forty per cent (40%) of the liquid depth.
- 6) A gas deflection baffle shall be provided below the outlet of the tank configured to deflect rising gas bubbles away from the outlet structure and toward the interior of the tank. This baffle shall be constructed of a durable material not subject to corrosion or decay.
- 7) An access opening at least 20 inches in minimum dimension shall be provided over the wall separating the two compartments.

e) Septic Tank Installation.

- 1) The septic tank shall be set level and backfilled to prevent floatation or drifting of the tank. Level shall mean $\pm 1/4$ inch in any direction. ~~Septic tank installation--the contractor shall fit the septic tank with water immediately after being set in the proper position and back-filled to prevent floatation or drifting unless the tank is being installed in dry soil.~~
- 2) If the inlet, outlet or access openings are to be set at or below the seasonal high water table, all openings in the tank shall be made water-tight using mastic, tar, silicone caulk, etc.
- 3) There shall be no connections such as joints, splices, or fittings within the area of overdig around the septic tank or distribution box.
- f) Abandoned Septic Tanks Treatment Units. Septic tanks, cesspools, aerobic treatment plants and seepage pits which are no longer in use shall be completely pumped and filled with sand or soil or removed from the ground and the excavation filled with soil.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.50 . Distribution Boxes

- a) General. Distribution boxes may be installed between a septic tank or aerobic treatment plant and a subsurface seepage system or buried sand filter. If a distribution box is used, it shall be installed

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

level on unexcavated earth, and shall provide equal distribution of flow to the subsequent disposal system. Seepage field laterals connected to the distribution box shall be equal in length if not looped.

- b) Connecting Pipe. The pipe connecting the septic tank to the distribution box and the pipe connecting the distribution box to the disposal system shall be watertight.
- c) Construction. Distribution boxes shall be constructed of a durable watertight, non-corrosive material. They shall be designed to accommodate the necessary distribution lines.
- d) Access. Distribution boxes shall be provided with an opening which will serve as a ready access for inspection, cleaning, and general maintenance.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.55 Subsurface Seepage System Design Requirements

When designing a subsurface seepage system the absorption capacity of the soil shall be determined by (a) or (b) as follows:

a) Soil Investigation

- 1) Soil investigations shall be conducted in the following manner:

A) Determination of soil characteristics on sites proposed for development with private sewage disposal systems shall be based on soil boring data collected by a soil classifier.

B) There shall be a minimum of three (3) borings per soil absorption system site. The soil borings shall be at least 50 feet apart and within the proposed system location. More soil borings may be necessary for accurate and appropriate evaluation of a site where there is some concern about the consistency of the soil materials. One of the borings shall be made at the lowest elevation of the proposed absorption field area. Borings shall extend a minimum of 60 inches below the natural ground surface.

C) Observation and determination of soil characteristics may be also determined from a pit dug by a backhoe or other excavating equipment. The Department or local authority may require soil pits (backhoe excavation) in cases where ground is frozen, where the soil materials are considerably varied in texture, where there has been previous or current

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

fill material, cutting of soils, or where gravelly soils are encountered. Such soil pits shall be prepared at the perimeter of the expected soil absorption area to minimize damage to natural soil structure. Soil pits shall extend a minimum of 60 inches below the natural ground surface.

- D) Site characteristics to be described include zones of seasonal and permanent water saturation, U.S.D.A. soil textural changes, U.S.D.A. soil structural features, slope, compaction and depth, soil coloration, depth of soil mottling (depth to low chroma equal to or less than 2 and a value of 4 or more - Munsell Color System), internal drainage classification, and permeability range, and other limiting soil characteristics that may reduce permeability.

- 2) The Department shall register all persons who are qualified to conduct soil investigations. Only those persons registered by the Department shall have the authority to conduct soil investigations. The list of registered persons will be available from the Department upon request.

b) Percolation Tests.

- 1) Performance of Percolation Tests. At least three separate percolation tests, a minimum of 50 feet apart, shall be performed at the site of each proposed subsurface seepage system.
- 2) Procedure for Performing Percolation Tests. Percolation tests shall be performed in accordance with the procedure outlined in Appendix A: Illustration G. Alternate procedures for performing percolation tests may be submitted to the Department for review. If determined to be as stringent as that described in Appendix A: Illustration G, they shall be approved.
- 3) The Department or local authority shall require additional tests or a soil's investigation to be conducted if questions about seasonal high water table, fill, soil compaction, poor soil structure, high bulk density, dense unleached glacial till, fragipans, sodic horizons or other limiting soil characteristics that may reduce permeability or impact on design, construction or location of a subsurface seepage system exist.

(Source: Added at 14 Ill. Reg. _____, effective _____)

Section 905.60 Subsurface Seepage System Construction Requirements

- a) Evaluation of Soil Characteristics. The absorption capacity of the soil shall be determined from the results of percolation tests. The

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

area of a subsurface seepage system shall be sized based upon percolation tests (Appendix A: Illustrations G and H). Where allowed by a local authority with an approved Private Sewage Disposal Ordinance, soil classification information may be used in conjunction with or in lieu of percolation tests. Where percolation tests shall be available on the construction site:

- b) Performance of Percolation Tests. At least two separate percolation tests, a minimum of 50 feet apart, shall be performed at the site of each proposed subsurface seepage system. The private sewage contractor shall be responsible for the percolation test results and the sewage system which is designed using those results and acceptance of percolation test results from other sources does not relieve the contractor's responsibility.

- e) Procedure for Performing Percolation Tests. Percolation tests shall be performed in accordance with the procedure outlined in Appendix A: Illustration G. (Department Circular 4-005E). Alternate procedures for performing percolation tests may be submitted to the Department for review. If determined to be as stringent as that described in Appendix A: Illustration G, they shall be approved.

- d) Construction. Subsurface seepage fields shall be designed and constructed in accordance with Appendix A: Illustrations H, I and J.

- e) Bedding Material. The bedding material which is free of mud, silt, or clay, shall be clean gravel or clean stone with particle size ranging from 3/4 inch minimum to four inches maximum. The bedding material shall extend the full width of the trench and to a depth of at least six inches below the bottom of the distribution tier. The bedding material shall extend at least two inches above the top of the distribution tier. The bedding materials shall be covered by straw, newspaper, or untreated building paper or other pervious and/or biodegradable material to support the backfill as the laying of the distribution tier proceeds. Tap paper, plastic or other impervious material shall not be used between the bedding material and the earth backfill. Eight and ten inch gravelless seepage systems may be bedded with material excavated to construct the system. The gravelless seepage system requires no straw, newspaper or untreated building paper except as provided in Section 905.60(f).

- a) Seepage Field Requirements - Gravel and Gravelless. Subsurface seepage fields shall be designed and constructed in accordance with Appendix A: Illustrations H, I, and J and the following:

- 1) All subsurface seepage systems using soils information for sizing shall use the soil suitability table in Appendix A: Illustration M to determine the size requirements of the

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

subsurface seepage system. The most limiting layer in the soil profile shall be used to determine the sizing for the subsurface seepage system.

2) The bottom of the subsurface seepage field, each trench and its distribution line shall be level. Level for this part shall mean $\pm 1/2$ inch in any direction.

3) There shall be a minimum of 6 inches and a maximum of 18 inches of earth backfill over the bedding materials or gravelless pipe.

4) There shall be a minimum of five (5) feet of undisturbed earth between the septic tank and the nearest trench.

5) If precipitation falls onto the excavation and evidence of soil washing into the excavation of the subsurface seepage system exists, the seepage system shall not be approved for use and another seepage system shall be required to be constructed.

6) The top of the gravel or gravelless pipe in the subsurface seepage field shall be at least one inch below the invert of the outlet pipe from the septic tank or distribution box.

7) Site Evaluation for Subsurface Seepage Systems

A) The separation below the bottom surface of the subsurface seepage system and the top of any limiting layer (i.e. water table, impermeable strata, bedrock, etc.) shall be as follows:

i) Soils having a permeability rate of rapid shall have at least 4 feet of separation.

ii) Soils having a permeability rate of moderately rapid shall have at least 3 feet of separation.

iii) Soils having a permeability rate of moderate shall have at least 2 feet of separation.

B) Property platted after (the effective date of this rulemaking) shall have sufficient area, meeting all of the requirements of the primary subsurface seepage system reserved for the installation of a system equal to 50% of a replacement system in the event of primary system failure. Sufficient area shall mean an area large enough to accommodate a system equal to the original system. This replacement area is intended for use only in the event of system failure. It is not intended to compensate for a

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

building addition or change in use which results in increased flow of domestic waste. In all cases where commercial or industrial properties are proposed for development, there shall be room for a full-size replacement system. This replacement area shall be kept free of development, traffic or soil modification on all properties.

7) Soil criteria for use of fill for subsurface seepage systems

A) Soils to be utilized for fill shall be identified by a soil classifier and a report submitted to the Department or local authority. The report shall contain specific information on the fill soil including location, depth, permeability, and texture. Soils that can be used as fill are those which conform to the following textures:

i) Loam.

ii) Silt Loam.

B) In addition, the following shall be met for determining acceptability of fill soil.

i) Clay content shall be less than 27% and greater than 15%.

ii) Sand content shall be less than 45%.

iii) Organic matter shall be 3% or greater.

iv) Less than 5% of the total content shall be greater than 2 mm stones.

v) In addition to the above requirements, fill soil shall not contain extraneous material such as tires, concrete, brick, reinforcing bar, demolition material etc.

C) All of the following conditions shall be met for a subsurface seepage system to be installed in fill.

i) Satisfactory original soil shall be at least three feet above bedrock.

ii) A maximum of two feet of fill soil shall be used.

iii) Fill shall not be placed on original soil with a slope

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

greater than 6%.

- iv) The bottom of the subsurface seepage system shall be installed at least 6 inches into the original undisturbed soil.
- v) After the fill has been placed at the site, one of the following conditions shall be met:
 - a) The fill shall be compacted so no further settling occurs.
 - b) The fill shall be allowed to settle undisturbed for a period of at least 12 months.
- vi) After the fill has been compacted or settled a percolation test shall be conducted in accordance with the procedure outlined in Appendix A: Illustration G and a percolation rate of not greater than 270 minutes/6 inch fall or less than 60 minutes/6 inch fall shall be achieved.

8) Site Preparation for use of fill soil.

- A) Excess vegetation shall be cut and removed. The site shall be plowed with a mold board plow 7-8 in. deep with the plowing done perpendicular to the slope. It shall not be done with the furrow running up and down the slope. Chisel plowing may be used in place of mold board. Roto tilling is prohibited.
- B) Once the site is plowed, all traffic must be kept off. The fill material can be deposited on the top with a backhoe or pushed on from the side, preferably the upslope side, using a track type tractor, keeping 6 in. of fill beneath the tracks. At no time shall ruts be made in the plowed area. The fill shall be placed immediately after site preparation to avoid the possibility of precipitation falling on the plowed area.
- C) Traffic on the downslope side of the fill area shall be minimal to reduce compaction. All work shall be performed from the ends and upslope side. Compaction of the natural soil downslope will reduce the lateral movement of the effluent.
- D) The fill shall not be placed on frozen ground or when the soil is wet. Moisture content of the soil is very

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

important when filling. Site preparation shall not take place when the soil is too wet. To check moisture content, take a soil sample from the plow layer (7-8 in.) and roll it between the palms of the hands. If it rolls into a ribbon, it is too wet to prepare. If it crumbles, site preparation can then proceed.

9) Sizing of a seepage system in fill soil.

- A) Sizing for the subsurface seepage system shall be based on the most restrictive layer of soil to a depth of five feet in the fill area.
- B) The use of fill for installing subsurface seepage systems shall not be approved for lots platted after the effective date of this Part.

†) Distribution Lines--Distribution lines shall be constructed of materials as approved in Section 905.20(f). The lines shall be perforated or open joint tile. Where open joint tile is used, the tile sections shall be spaced not less than 1/4 inch nor more than 1/2 inch apart. Perforated piping (with the exception of 8" or 10" gravelless seepage beds) shall have 1/2-3/4 inch diameter openings on three to five inch centers with a minimum of 6-8 inch spacing of the lines. The lines shall be looped except in aerial distribution systems. In addition to Section 905.20(f), eight or ten inch gravelless seepage beds must empty with the following specifications:

b) Gravel Seepage Field Requirements.

- 1) Bedding Material. The bedding material shall be clean gravel or clean stone which is free of mud, silt, or clay, with particle size ranging from 3/4 inch minimum to four inches maximum. The bedding material shall extend the full width of the trench and to a depth of at least six inches below the bottom of the distribution line. The bedding material shall extend at least two inches above the top of the distribution line.
- 2) Gravel Distribution Lines. Distribution lines shall be constructed of materials as approved in Section 905.20(f). The lines shall be perforated or open joint tile. Where open joint tile is used, the tile sections shall be spaced not less than 1/4 inch nor more than 1/2 inch apart. Perforated piping with the exception of 8" or 10" gravelless seepage beds shall have 1/2-3/4 inch diameter openings on three to five inch centers with a minimum of two rows. The openings in the pipe shall be placed downward.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 3) Separation Material. Bedding materials shall be covered by straw, newspaper, untreated building paper or other permeable and/or biodegradable material to support the backfill as the laying of the distribution line proceeds. For paper, plastic, or other impervious material shall not be used between the bedding material and the earth backfill.
- 4) The ends of a gravel seepage field shall be looped except in serial distribution systems.
- c) Gravelless Seepage Field Requirements. In addition to Section 905.20(f), eight or ten inch gravelless seepage systems shall comply with the following specifications:
- 1) The eight and ten inch I.D. corrugated polyethylene tubing shall meet the requirements of ASTM F667-84 Standard Specification for Large Diameter Corrugated Polyethylene Tubing with the following exceptions:
 - a) Perforations shall be uniformly spaced along the length of the tubing as follows: two (2) rows of holes 3/8 inch diameter for 8" tubing and 1/2 inch diameter for 10" tubing, located 120 degrees apart along the bottom half of the tubing, each 60 degrees up from the bottom centerline. These perforations shall may be staggered so that there is only one hole in each corrugation.
 - b) The pipe ~~or wrap~~ shall be marked to indicate the top of the pipe.
 - 2) All gravelless drainfield pipe shall be encased at the point of manufacture with a spun bonded nylon filter wrap having the following characteristics:

Physical Properties	Minimum Value
Grab Strength, lbs. (ASTM D1682-64 -Reapproved 1975)	19
Machine Direction Transverse Direction	11
Burst Strength, psi. (ASTM D3786-80a)	26
Air Permeability, cfm per sq. ft. (ASTM D737-75, Reapproved 1980)	500
- Particle Size Distribution (ASTM F 662-80)
Polyethylene particles in water and alcohol

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

solution coulter counter analysis, single pass

Particle Size (Microns)	% Retained
70	80
60	68
50	56
40	40
30	22
20	5

- 3) Eight or ten inch gravelless seepage beds shall comply with all requirements which apply to standard gravel trench systems as stated in Appendix A unless otherwise stated in the Code.
- 4) Bedding Material. Eight and ten inch gravelless seepage systems may be bedded with material excavated to construct the system. The backfill material shall not contain large clods of earth, demolition material or other extraneous material. The bottom (1/3) one-third diameter of the pipe shall be backfilled by hand.
- 5) Separation Material. The gravelless seepage system requires no straw, newspaper or untreated building paper between it and the earth backfill.
- 6) Bending. Eight (8) inch and ten (10) inch gravelless pipe shall not be bent around corners on a radius of less than five (5) feet. If a sharper radius is required, a tee shall be used.
- 7) Gravelless seepage systems which are not looped shall be capped on the end.
- d) Serial Distribution. Serial distribution shall be used in areas where the slope of the terrain prohibits the installation of conventional subsurface seepage systems. The following criteria shall be used in the design and construction of a serial distribution system: (Appendix A: Illustration K)
 - 1) The bottom of each trench and its distribution line shall be level.
 - 2) There shall be a minimum of 12 5 inches of earth backfill over the bedding material ~~in the trenches~~ or the gravelless pipe in the trenches.
 - 3) The trench shall follow the ground surface contours so that variation in trench depth will be minimized.
 - 4) There shall be a minimum of ~~5~~ five feet of undisturbed

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

earth between the septic tank and the nearest trench.

5) Adjacent trenches shall be connected with a relief line or a drop box arranged so that each trench is completely filled to the full depth of the gravel or gravelless pipe before effluent flows to the succeeding trench.

6) The relief lines connecting the trenches shall have watertight joints and direct connections to the distribution lines in adjacent trenches. Tight joint "T's" and 450 ell's, or a drop box arrangement shall be used to connect adjacent trenches.

7) Where the relief pipe trench connects with the higher trench, it shall not be deeper than the top of the gravel or gravelless pipe in the higher trench. Relief lines shall rest on undisturbed earth and the backfill shall be carefully tamped.

8) The invert of the first relief line shall be at least one six inch lower than the invert of the septic tank or aerobic treatment plant outlet. (See Appendix A: Illustration K)

9) All other construction features of the serial distribution field shall comply with Subsections (a) through (d) of this Section.

Seepage Beds. The total bottom area of the seepage bed shall be one and one-half times the area specified in Appendix A: Illustration H. Construction features shall conform to Subsections (a) through (c) of this Section. Distribution lines shall be spaced no farther than six feet center to center and shall be equally spaced. Lines adjacent to the bed sidewalls shall be one and one-half three feet from the bed sidewall. (See Appendix A: Illustration I). Seepage beds shall be constructed so that construction equipment does not drive over the bottom of the bed.

10) Seepage Pits. Seepage pits are approved for disposal of septic tank or aerobic treatment plant effluent, only where the following conditions exist:

1) The top four feet of soil is unsuitable for seepage fields or beds as determined by permeation tests. (Appendix A: Illustration G)

2) There is sufficient depth of permeable soil below the top four feet to adequately absorb the design flow.

3) There shall be no water wells within 100 feet of the proposed seepage pit.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

4) Neither the seasonal high water table, nor fractured limestone are within 14 feet of the ground surface. Compliance with this requirement shall be determined by backhoe excavations or soil borings which are witnessed by the Department or local authority representative.

5) Construction Requirements. Where seepage pits are to be used, the design and construction shall conform to the following: (See Appendix A: Illustration M)

1) The maximum depth for any seepage pit is ten feet below the ground surface.

2) The required absorption area shall be determined from Appendix A: Illustration M. The permeation rate shall be the weighted average of the permeation rates of each soil layer penetrated below the top four feet of soil. The weighted average shall be based on the proportionate depth of each soil layer penetrated. (See Appendix A: Illustration H, Notes 2 and 4)

3) The effective area of the seepage pit shall be the vertical wall area of the pervious strata below the inlet of the seepage pit.

4) Seepage pits shall be constructed of concrete block, brick, or perforated concrete ring. Mortar shall be used in the horizontal joints only. A minimum 12 inches space shall be provided between the pit walls and the excavation and this space shall be filled with clean coarse gravel.

5) The bottom one foot of the pit shall be filled with clean coarse gravel.

6) A four inch thick reinforced concrete cover with a 24 inch diameter covered access opening shall be provided over the pit. Access to the pit shall not be deeper than six inches below the ground surface.

7) If multiple pits are used, they shall be installed in series and shall be separated by a minimum distance equal to three times the diameter of the largest pit.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.70 Buried Sand Filter

a) General. Buried Sand filters may be used provided the effluent is discharged in accordance with the requirements of Section 905.110.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

b) Buried Sand Filters.

1) Size. Buried sand filters shall be sized as follows: The sand filter surface area for residential systems shall be 200 square feet per bedroom. For non-residential systems, the sand filter surface area shall be one square foot per gallon per day, and the minimum size for a buried sand filter shall be 100 square feet. Where a sand filter is used in conjunction with a glass it aerobic treatment plant, the surface area size of the sand filter may be reduced by 50 percent.

A) Residential. The sand filter surface area for residential property shall be 200 square feet per bedroom. Where a sand filter is used in conjunction with a glass it aerobic treatment plant, the surface area of the sand filter may be reduced by 50 percent.

B) Non Residential. All of the following shall be met when a buried sand filter is to be installed on non-residential property.

i) The surface area of the sand filter shall be designed as follows:

a) One square foot per gallon per day for waste with a Biochemical Oxygen Demand (BOD) of 200-300 parts per million (ppm)

b) Two square feet per gallon per day for waste with a BOD of 301-500 ppm

c) Three square feet per gallon per day for waste with a BOD of 501-500 ppm.

ii) The sand filter shall be dosed four to six times per day with equal flows not to exceed the design capacity of the filter.

iii) A single individual sand filter shall be used to treat flows from buildings served. Splitting flows prior to treatment or the use of multiple sand filters shall be prohibited.

2) Minimum Size. The minimum size buried filter shall be designed to treat at least 100 gallons of waste per day.

3) Sand Filter Media. The depth of filter media shall be a minimum of 24 inches. The sand shall have an effective size of

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

0.5 to 2.0 millimeters, and a uniformity coefficient of less than 3.5. It shall be clean and free of clay and silt.

43) Alternate Media. Other filter media may be used in a subsurface filter provided it meets the criteria of Subsection (2) above and complies with the following requirements.

A) Is chemically and biologically inert.

B) Will support biological growth.

C) Has a hardness equivalent to, or greater than, that of sand.

54) Filter Media Cover. The filter media shall be covered with a minimum of ten inches of clean coarse gravel or clean stone which is free of mud, silt or clay, ranging in size from 3/4-2 1/2 inches in diameter. The gravel or stone shall be covered with straw, or untreated building paper, or other permeable material prior to backfilling. A minimum of 12 inches and a maximum of 24 inches earth cover shall be provided. (See Appendix A: Illustration N)

65) Distribution and Collection Lines. The distribution and collection lines shall conform to the requirements for distribution lines as given in Section 905.60(b)(2)(f). The distribution lines shall be level, shall be located 18 inches ~~three feet~~ from sidewalls, and shall be spaced on three foot centers. There they shall be solid pipe to the filter media. The collection lines shall have a slope of six inches per 100 feet and one collection line shall be provided for each ten feet of width or fraction thereof. The upper end of the collection line shall be capped.

76) Bedding Material. The bedding material for the collection lines shall be placed as shown in Appendix A: Illustration N, shall be clean gravel or clean stone which is free of mud, silt or clay, and shall consist of clean gravel or stone. The coarse gravel shall range in size from 3/4-2 1/2 inches in diameter and pea gravel shall range from 1/8-3/8 inches in diameter. A minimum of two inches of coarse gravel shall be placed on the excavation before placement of the collection lines.

87) Venting. A minimum of one vent shall be placed on the downstream end of the distribution lines as shown in Appendix A: Illustration N. These vents shall be placed as close as possible to the corners on the downstream distribution lines. One The vents shall extend above the ground surface and be

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

screened with 1/4 inch mesh screen or equivalent.

- 98) Drainage. Surface drainage shall be directed away from the filter. If conditions prohibit gravity drainage of the filter effluent, a pumping chamber shall be installed. The chamber shall be constructed of a watertight, non-corrosive material and shall be provided with a removable lid, which will serve as an access port for inspection, cleaning, and general maintenance. An access port or extension collar shall be brought to within 12 inches of the ground surface, and the access shall have a minimum dimension of 12 inches. The chamber shall have sufficient depth and the pump controls shall be set in a manner to allow for complete drainage of the filter to eliminate any ponding of effluent within the filter.

- 99) ~~Adverse Site Conditions--In areas where the seasonal high ground-water table is less than six inches from the bottom of the filter, the filter shall be lined with an impermeable, non-biodegradable material, either natural or man-made.~~

- 99a) Distribution of Effluent. Buried sand filters designed to treat residential property with flows of 801 gallons or more per day or commercial property shall have the effluent distributed into the sand filter by a pressure dosing system.

- A) Piping System. The piping distribution system for the buried sand filter shall consist of a manifold pipe and small diameter laterals with perforations. The perforations shall be drilled at 30"-36" intervals along the invert of the lateral. Perforations shall be installed perpendicular to the pipe axis. Perforation diameters shall be between 1/4" and 5/8". The pressure at the distal ends of the lateral shall be at least 2 feet of water. If the distance between the end of the lateral and the nearest perforation is greater than 1/2 the perforation spacing used, another hole shall be installed in or near the end cap of the lateral. A typical distribution system for a sand filter is shown in Appendix A, Illustration N. Laterals shall extend to within 6 inches of the end of the filter. Lateral spacing shall be a maximum of 3 ft. The pipe diameter will depend upon the length of the buried sand filter. The allowable lateral lengths for various size diameter pipes and various hole spacings are given in Appendix A, Illustration N, Exhibit D. The system shall be designed and placed so that the laterals and manifold drain after every dosing. To facilitate the draining of the laterals between dosing cycles, a perforation shall be installed at the distal end of each lateral near the crown

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

of the pipe. All piping shall be Schedule 40 Polyvinyl Chloride (ASTM Standard D1785/76) or Schedule 40 Acrylonitrile/Butadiene/Styrene (ASTM Standard D1527/77).

B) Network Configuration

- i) The lateral spacing shall equal the perforation spacing. The perforations of adjacent laterals shall be staggered.
- ii) Manifold-to-lateral connections shall be made using tee-to-tee construction, with the manifold below the laterals (see Appendix A, Illustration N, Exhibit E. If the sand filter is downslope of the pumping chamber, the manifold shall be on top of the laterals so the manifold drains, or cross-to-cross construction used. If the design is such that the manifold does not drain between dosing cycles, then insulation or some other means shall be provided to prevent freezing. In addition, provisions shall be made for manual draining of the manifold.
- iii) Siphons or siphon breaks shall be used in networks where the low water level in the pumping chamber is above the lateral inverts.
- C) The pumps, pumping chamber and ancillary equipment shall comply with Section 906.125 and the following:
- i) Dosing volume. The dosing volume shall be at least five times the pipe volume of the network. The dosing volume is the amount of liquid pumped or siphoned during each cycle minus the amount which drains back from the system after each dose.
- ii) Pump Selection. The pump shall be a submersible pump designed for corrosive liquids and shall be capable of maintaining at least 2 feet of head at the distal ends of the laterals.
- iii) Siphons. Siphons can be designed where elevation exists between the sand filter and the siphon chamber. However, the siphon shall be designed to deliver the same flow rate at the same head at the distribution system as a pump system. The distribution system consisting of manifold and laterals shall be designed so that it will drain after each siphon. This shall be accomplished by placing

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

the manifold above the laterals.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.80 Recirculating Sand Filter

- a) General. The recirculating sand filter system (Appendix A: Illustration O consists of a septic tank, recirculation tank, open sand filter, and flow splitter. It may be used provided the effluent is discharged in accordance with the requirements of Section 905.110.
- b) Septic Tank. The septic tank shall be sized and installed as described in Section 905.40.
- c) Recirculation Tank. The recirculation tank volume shall be 500 gallons and the tank shall be equivalent in strength and materials to the septic tank as provided in Section 905.40. No baffles are necessary. An access manhole, as described in Section 905.40(b)(7)(c), shall be provided for pump maintenance or replacement.
- d) Sand Filter. The sand filter shall be sized at one square foot of filter surface for every three gallons per day of domestic sewage flow. Appendix A: Illustration P has a size chart for residences based on numbers of bedrooms. Unless otherwise stated in Appendix A: Illustration P the sizes shown are required. The filter media shall comply with requirements of Section 905.70(b)(2) and (3) and shall be 30 inches in depth.
- e) Bedding Material. The bedding material for the collection lines shall be the same as that in a buried sand filter. The coarse gravel shall be 3/4 to 2 1/2 inch diameter and the pea gravel shall be from 1/8 to 3/8 inches diameter. A minimum of two inches of coarse gravel shall be placed on the excavation prior to placement of collection lines.
- f) Distribution and Collection Lines. The collection lines shall be constructed of materials as approved in Section 905.20(f) and shall be four inches inside diameter perforated piping laid with perforations facing downward. The distribution piping shall have an inside diameter of 1 1/2 inches. The perforated pipe shall have 1/2-3/4 inches diameter openings on 3 to 5 inch centers with two rows at 1200 from each other. Distribution piping shall be spaced on three foot centers and shall be located a minimum of 1 1/2 feet from sidewalls.
- g) Pumps. The pump shall be a submersible pump designed for corrosive liquids and shall have a capacity of 15 to 25 gallons per minute at

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

the ten foot total dynamic head (TDH). The pump shall be controlled by a time clock which can be set to activate the pump at one hour or longer intervals. Pump shut off shall be controlled by a low level float switch which allows the entire contents of the recirculation tank to be pumped during each pump cycle. A high level float switch shall be provided that energizes a visible and audible alarm to indicate pump failure or malfunction. (See Appendix A: Illustration Q)

- h) Flow Splitter. The flow splitter shall be designed so that recirculation rates can be controlled between no recirculation and a 5 to 1 recirculation ratio. An example of one type of splitter is shown in Appendix A: Illustration O.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.90 Waste Stabilization Ponds

General. Waste stabilization ponds may be used if designed and constructed in accordance with the following criteria and provided the effluent is discharged in accordance with the requirements of Section 905.110 (See Appendix A: Illustration R as an illustration of these requirements).

- a) Location: A waste stabilization pond shall be located as distant as practical from residences, but in no case closer than the distances shown in Appendix A, Illustration D, and in an area where trees will not interfere with sunlight on the surface.
- b) Dimensions. Ponds shall have a length not exceeding three times the width.
- c) Capacity. When domestic sewage from a septic tank is to be discharged to the waste stabilization pond, the capacity shall be equivalent to 90 times the average daily flow. When preceded by a septic tank, the capacity of the pond shall be equivalent to 60 times the average daily flow. When preceded by a Class II aerobic treatment plant, the capacity shall be equivalent to 18 times the average daily flow.
- d) Depth. The wastewater depth for a waste stabilization pond shall be uniform and three feet to five feet.
- e) Freeboard. A minimum freeboard of two feet shall be provided.
- f) Embankments. Embankments shall be constructed of impermeable materials and shall be compacted. Embankment slopes shall be 2 to 1 (horizontal to vertical) below the water line and between 3 to 1 and 4 to 1 above the water line. Embankment slopes shall be one-to-

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

~~three-vertical-to-horizontal.~~ The top width of the embankment shall be a minimum of two feet. Embankments shall be seeded or rip-rapped from the outside toe to the high water line. Perennial, low growing, spreading grasses that withstand erosion and can be kept mowed are most satisfactory for seeding of embankments.

g) ~~Inlet. Inlet lines in excess of 50 feet in length which carry raw sewage, shall be provided with a clean-out. The inlet line shall be placed 12 to 24 inches above the bottom of the pond at a point opposite the overflow structure and shall be supported at no greater than ten feet foot intervals along its length. It shall discharge at least ten feet from the water's edge. The inlet line shall be sloped in accordance with Section 905.20(g).~~

h) ~~Outlet. The outlet structure shall be designed to prevent the discharge of floating solids. This may be accomplished through baffling or other means.~~

i) ~~Bottom. The bottom of the waste stabilization pond shall be cleared and leveled to the required elevation and shall be lined with an impermeable natural or man-made material. The pond shall be kept free of vegetation which would grow to or above the water surface.~~

j) ~~Drainage. All surface water shall be diverted away from the waste stabilization pond.~~

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.100 Aerobic Treatment Plants

a) ~~General. After the effective date of this Code, Aerobic treatment plants shall comply with the requirements of the National Sanitation Foundation (NSF) Standard Number 40, Individual Aerobic Wastewater Treatment, July 1990, May 1983, and shall bear the NSF seal. Aerobic treatment plants approved by this Department prior to the effective date of this Code shall continue to be approved as indicated in the provisions of the original approval issued by the Department. A list of approved aerobic treatment plants will be periodically updated and a copy of this list may be obtained from the Department. Standard 40 is a standard which covers plants for treatment of wastewater from individual homes. This Part shall allow NSF approved aerobic treatment plants to primarily serve residential property which is occupied on a year-round or full-time basis. Aerobic treatment plants shall not be used to serve residential property which is used as a seasonal or part time residence.~~

b) ~~Class II Effluent. Aerobic treatment plants listed by NSF for Class II effluent (8005-60mg/l and Suspended Solids 100 mg/l) shall~~

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

discharge to one of the following:

1) A subsurface seepage system designed and constructed in accordance with the requirements of Section 905.60.

2) A sand filter designed and constructed in accordance with the requirements of Sections 905.70 or 905.80.

3) A waste stabilization pond designed and constructed in accordance with the requirements of Section 905.90.

c) ~~Class I Effluent. Aerobic treatment plants listed by NSF for Class I effluent (8005-30 mg/l and Suspended Solids 30 mg/l) shall discharge to one of the following:~~

1) A subsurface seepage field designed and constructed to be at least 2/3 the size determined necessary by percolation tests.

2) A surface discharge ~~to the ground surface~~ in accordance with Section 905.110.

d) ~~Sizing. Aerobic treatment plants which are listed by NSF as Class I and rated at 500 gallons per day will be allowed for the treatment of sewage from residential property homes having up to and including four bedrooms. Other aerobic treatment plants which are listed by NSF as Class I shall be sized as follows:~~

Capacity	Maximum Bedrooms
400 Gallons	3 Bedrooms
500 Gallons	4 Bedrooms
600 Gallons	4 Bedrooms
750 Gallons	5 Bedrooms
800 Gallons	5 Bedrooms
1000 Gallons	6 Bedrooms
1250 Gallons	7 or 8 Bedrooms
1500 Gallons	9 or 10 Bedrooms

e) ~~Installation. All components of aerobic treatment plants shall be installed at the time of the original installation. If this is not possible, a solid end cap shall be securely placed over the end of the discharge line until the system can be completed. This will prevent the discharge of raw sewage to the ground surface.~~

f) ~~Access. Aerobic treatment plants shall be accessible to allow maintenance and service of all components within the plant.~~

f) ~~Accessibility for inspection and maintenance. The plant shall be equipped with one or more grade-level access manholes located to~~

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

g) permit periodic physical inspection and maintenance of all compartments and component parts. Component parts include submerged bearings, moving parts, tubes, intakes, slots, filters, and other devices. Grade level access manholes shall be installed in a manner to prohibit the entry of soil, water and dirt into the unit.

g) Service. Devices falling within the scope of Standard 40 require periodic maintenance to achieve performance consistent with demonstrated capabilities. Implicit in Standard 40 is the recognition that assured professional service is imperative. Standard 40 and this part require a two-year service policy to be provided as part of the initial service agreement. (Note: The following initial service policy includes items not included in the NSF Standard 40 service policy).

1) Initial service policy: A two-year policy shall be furnished to the purchaser by the manufacturer or the distributor through the dealer. This policy shall provide:

- a) Four inspection/service call, at least every six months, which includes inspection, adjustment, and servicing of the mechanical and the applicable component parts to ensure proper function;
- b) For an effluent quality inspection consisting of a visual check for color, turbidity, scum overflow, and an examination for odors.
- c) For improper operation which cannot be corrected at that time, to be reported to the owner immediately. This shall be followed with a written report which includes the date for the condition to be corrected.

2) Continuing service policy: Each manufacturer shall make available for purchase by the owner a continuing service policy with terms equal to the initial service policy.

3) Standby parts: Standby mechanical and electrical component parts shall be stocked by the local distributor for use when the plant's mechanical or electrical components must be removed from the site for repairs.

4) Component parts: The mechanical and electrical component parts shall be guaranteed against any defects in materials and workmanship as warranted.

5) Service: Service shall be available within two working days following a request.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

6) Owner's manual: An owner's manual shall be provided by the manufacturer with each unit. The manual shall include the following information:

- a) Model numbers.
- b) Functional description of unit including a statement of minimum performance requirements as established by test.
- c) Design and flow diagrams.
- d) Warranty.
- e) Replacement policy and service policy.
- f) Installation instructions.
- g) Detailed operation and maintenance requirements (including user responsibility, parts and service).
- h) Rated service flow in gpm or gpd.
- i) Energy source and energy required for proper operation of the plant.
- j) Specification of models tested under NSF Standard 40.

7) Service label: A clearly visible, permanently attached label or plate giving instructions for obtaining service shall be placed at the audible and visual alarm.

8) Responsibility of property owner:

A) The property owner shall be responsible for maintaining and operating the plant in accordance with this Part and the manufacturer specifications.

B) Property owners of aerobic treatment plants shall be required to obtain and maintain at all times a continuing service policy with the manufacturer or distributor/dealer of the model installed on the property.

C) In lieu of a continuing service policy, the property owner of an aerobic treatment plant may have an independent laboratory, certified for the analysis in question, collect and test the system effluent for the following and the test results shall comply with Section 905.110 and samples shall be obtained every 6 months.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- i) BOD5.
- ii) Suspended Solids.
- iii) Color.
- iv) Threshold Odor.
- v) Gily Film.
- vi) Foam.
- vii) Chlorine Residual (If applicable).
- viii) Fecal Coliform Count.

D) Copies of the service contracts and copies of all test results shall be submitted to the Department or local authority within 30 days of receipt by the property owner.

h) Operation. Aerobic treatment plants shall produce an effluent meeting the physical, chemical and biological requirements of Section 905.110. Under normal operation and in the event of an electrical or mechanical failure or other performance failure or malfunction, the design and construction of the aerobic treatment plant shall prevent the discharge of wastewater from any opening which is not part of the designed flow path of the entire treatment process.

i) Maintenance. In the event that a routine service call indicates an electrical, mechanical or performance failure or malfunction or if routine laboratory test results indicate improper treatment, the property owner shall immediately have professional service provided to the aerobic treatment plant to bring the unit into compliance with this Part.

j) Non-residential use.

A) Aerobic treatment plants which are listed by NSF as Class I will be considered for use to serve a non-residential property provided all of the following are met:

- 1) Total daily flows from the waste water source into the plant are at least 75% of the rated capacity and do not exceed the rated capacity of the plant.
- 2) BOD5 and suspended solids loading from the waste water source is at least 100 mg/L and do not exceed 300 mg/L.
- 3) Hourly flows from the waste water source into the plant are less than or equal to the treatment capacity of the plant divided by 24. This may require the installation of a flow equalization device.
- 4) Flows from all buildings served by the aerobic treatment plant do not exceed 1500 gpd.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

B) Any wastewater source shall be served by a single individual aerobic treatment plant. Splitting of flows from a wastewater source or the use of multiple aerobic treatment plants shall be prohibited.

k) Private sewage disposal installation contractors or homeowners who maintain or service aerobic treatment plants shall be required to maintain the integrity of the NSF seal. Only component parts approved for use in an individual plant may be used. No design changes or component part changes may be made which will void the NSF seal. The private sewage disposal installation contractor or homeowner who voids the NSF seal shall be responsible for repairing the plant so it can bear the NSF seal or shall replace the plant with an approved private sewage disposal system.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.110 Surface Discharges

a) General. Buried sand filters, recirculating sand filters, lagoons, and aerobic treatment plants listed by NSF for Class I effluent (See Section 905.100(a) and (c)) may be discharged to one of the following:

- 1) A receiving stream, river, lake, or pond which provides greater than one a five to one dilution of the effluent. A discharge within 10 feet of the above shall be considered to be a discharge to the receiving body of water. Discharges to a lake or pond shall be limited to two discharges per surface acre of water. More than two discharges may occur per individual surface acre of water, however, the total number of discharges to total surface acres of water shall not exceed a ratio of 2 to 1. An example of this is as follows: In a 20 acre lake, several discharges may enter the lake in a 1/2 acre cove however the total discharges entering the lake would be limited to 40. Where discharges are not equally distributed around a lake or pond the Department or local authority shall be consulted to assure that nuisance conditions are not created.

- 2) A) a common drain provided that the drain does not discharge within one mile upstream from a public water supply intake, public bathing beach, or to any public use area. A public use area is any area which is frequently used by the public. Examples of a public use area are playgrounds and picnic areas. A common drain is defined as an underground, enclosed conduit designed to carry liquids. Examples of common drains are storm tiles, field tiles, or village tiles. Examples of what is not a common drain are road ditches, field ditches, curb and gutter, grassed waterways, concrete or other lined drainage ways.

Common drains used to carry treated effluent for two or three discharging systems with a design flow of less than 1500 gallons per day shall be constructed of materials as listed in Section 905, Appendix A, Sewer Lines and shall discharge in accordance with Section 905.110 (a)(1) and (3). After (the effective date of this Section), whenever more than three sand filters, lagoons, or aerobic treatment plants, or a combined design flow greater than 1500 gallons per day discharge to a common drain, all of the following shall be met:

- A) The common drain shall obtain a construction permit in accordance with (35 Ill. Adm. Code) Section 309.202 (a) and (b) and a National Pollutant Discharge Elimination System (NPDES) permit issued by the Illinois Environmental Protection Agency. (35 Ill. Adm. Code 300)
- B) The property owner on which the private sewage disposal system is located shall have written authorization to connect to the common drain. Authorization shall be obtained in writing from the person or entity holding the construction permit and National Pollutant Discharge Elimination System (NPDES) permit for that common drain.
- C) The property owner shall provide written proof to the Department or local authority that a construction permit and a National Pollutant Discharge Elimination System (NPDES) permit have been obtained and written authorization to connect to the common drain has been obtained.
- D) The effluent from the private sewage disposal system discharging into the common drain shall comply with the requirements of the National Pollutant Discharge Elimination System (NPDES) permit.
- E) Until December 31, 1994, any private sewage disposal system to be constructed to discharge treated effluent in compliance with Section 905.110(c) may discharge to a common drain located in a subdivision platted and recorded prior to (the effective date of this rulemaking) in compliance with the surface discharge requirements of the private sewage disposal code in effect at the time the plat was recorded. No new common drain to be used for the conveyance of treated sewage effluent shall be installed unless the common drain for the conveyance of treated sewage effluent was recorded as part of the original plat or complies with Section 905.100(a)(2), (A), (B), (C), and (D).

F) After (the effective date of this Section), whenever property is subdivided into four or more parcels, and four or more contiguous properties or more than 10 percent of the properties in the subdivision are unable to provide subsurface seepage systems which comply with Section 905.60 then a public sewer system in compliance with 35 Ill. Adm. Code 301 et seq. shall be provided.

- 3) To the ground surface, ~~in areas where the density of private~~ the discharge points of sewage disposal systems ground with surface discharges are maintained at least 235 feet apart and the effluent does not pond ~~does not exceed one per acre.~~

b) If the final discharge location of the effluent from a buried sand filter, recirculating sand filter, lagoon or aerobic treatment plant listed as Class I by NSF will discharge to Section 905.110(a)(3) and leave the property then an effluent receiving trench or bed shall be installed prior to discharge.

Effluent receiving trenches or beds shall be designed in accordance with Section 905.60 (a) thru (e) except for the following criteria:

- A) The effluent receiving trench or bed shall be designed at three (3) gallons per square foot of trench or bed bottom area based on the daily design flow of the system.
- B) Effluent receiving trenches or beds shall not be greater than 18 inches below the ground surface.
- C) They shall be designed so the entire trench or bed is completely filled with effluent prior to discharge.

bc) Effluent Standards.

- 1) All surface discharges from private sewage disposal systems shall comply with United States Environmental Protection Agency Secondary Treatment Guidelines for BOD5 and Suspended Solids:

A) BOD5

- i) BOD5: Arithmetic mean of all effluent samples collected in a period of 30 consecutive days 30 mg/l (milligrams per liter) and 85 percent removal.
- ii) Arithmetic mean of all effluent samples collected in a period of 7 consecutive days 45 mg/l.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

B) Suspended Solids:

- i) Arithmetic mean of all effluent samples collected in a period of 30 consecutive days 30 mg/l and 85 percent removal.
 - ii) Arithmetic mean of all effluent samples collected in a period of 7 consecutive days 45 mg/l.
- C) No effluent shall contain settleable solids.
 - D) Color, odor, and turbidity must be reduced to below discernable levels.
 - E) No effluent shall contain floating debris, visible oil, grease, scum, or sludge solids.
 - F) A fecal coliform bacteria concentration not exceeding 400 organisms per 100 ml (milliliter) except where chlorination is not required.
 - G) Any grab sample of a treated effluent shall not exceed the following:
 - i) BOD5 - 60 mg/l
 - ii) Suspended solids 60 mg/l

- 2) Samples shall be analyzed in accordance with the 1978 edition of "Standard Methods for the Examination of Water and Wastewater" as published by American Public Health Association.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.120 Disinfection

- a) General. Surface discharges shall be disinfected with a chlorine solution under the following conditions:
 - 1) When the effluent is discharged to or from an effluent receiving trench or bed and the effluent leaves the property.
 - 2) When an individual effluent or the effluent from a common drainline is discharged to a pond, lake, or stream in which swimming, water skiing, or other water contact recreation occurs.
 - 3) When effluent is discharged to the ground surface in accordance with Section 905.110(a)(3), it shall be disinfected if it leaves the property or discharges to an area where ponding of the

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

~~effluent is likely to occur:~~

- b) Chlorine Feeders. Chlorination equipment shall have a means of removal of solids. Appendix A: Illustration S provides an example of a typical chlorine feeder. All chlorine feeders shall meet the requirements of Appendix S Illustration S. Other feeders which meet the requirement of this Section are also acceptable.
- c) Chlorine Contact Tanks. Chlorine contact tanks shall be baffled and shall provide a contact time of at least 30 minutes based on two and one half times the average flow. The minimum contact tank capacity shall be 30 gallons. Access to the distribution feeder shall extend to the ground surface.
- d) Sample Port. A sampling port at least four inches in diameter shall be provided on the effluent line or into the chlorine contact tank, unless a free fall discharge from the system is easily accessible within 200 feet of the system.
- e) Chlorine Residual. A final effluent free chlorine residual of 0.2 to 1.5 mg/l shall be maintained.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.125 Pumps, Pumping/Dosing Chambers, Ancillary Equipment

a) Pumps shall meet the following requirements:

- 1) The pump shall be either submersible or a pedestal type pump.
- 2) The pump shall be designed specifically to handle wastewater.
- 3) The pump shall be capable of handling a minimum of 1/2 to 3/4 inch diameter solids.
- 4) The pump shall be capable of producing the required capacity at the design total dynamic head.
- 5) The pump shall be constructed of corrosion resistant materials.
- 6) Performance curves and specification sheets indicating the above criteria have been met shall be submitted with the plan review application when pumps are to be used in a system.

b) Dosing/Pump Chambers

- 1) Pumping Chamber. The pumping chamber shall be waterproof. Waterproofing shall consist of sealing all joints. The pumping

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

chamber shall be filled with water after being installed and backfilled to prevent the pumping chamber from floating out of position due to hydrostatic pressures, unless the tank is installed in dry soil.

The volume of the pumping chamber shall be sufficient to provide the desired dosing volume, space for controls, space for setting the pump and pedestal, reserve capacity manifold and flow-back after the pump shuts off (volume of manifold and laterals).

A reserve capacity above the active dosing volume equal to one day's design flow shall be provided if single pumps are used. A reserve volume is not needed if siphons or dual pumps are used.

A riser pipe shall extend at least 6 in. above the ground surface.

- 2) Dosing volume. The dosing volume shall be at least five times the pipe volume of the network. The dosing volume is the amount of liquid pumped or siphoned during each cycle minus the amount which drains back from the system after each dose. The average, rather than peak flow shall be used to determine the dosing volume.

- 3) Pump and Alarm Control. The pump switch shall be controlled by a float in the pumping chamber, set so that the required dosing volume is discharged during each pumping cycle.

The control system for the pumping chamber shall consist of a control for operating the pump and an alarm system to detect when the system is malfunctioning. Pump controls shall be selected which give flexibility in adjusting the on-off depth. Example of acceptable controls are shown in Appendix A, Illustration Q.

- 4) Electrical and Alarm System. The alarm system shall consist of an audible and visual alarm in the home or facility building. This system shall be on a circuit separate from the pump. The electrical controls shall be placed outside the pumping chamber.

c) Ancillary Equipment

- 1) A quick disconnect device shall be included in the discharge piping in order to facilitate easy removal of the pump for inspection, repair, or replacement. The disconnect device shall be a threaded union, pitless adapter, or lift-out rail system.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 2) A rope or cable of adequate strength shall be affixed to the pump to facilitate installation and removal and so that personnel need not enter the chamber to disconnect the pump.

- 3) The turn-on and turn-off levels and the alarm level shall be controlled by sealed switches constructed to withstand the humid and corrosive atmosphere in the chamber. Two mercury level switches, controlling a relay, pressure diaphragm switches, or weighted float switches are acceptable. If a control box housing, a contactor or a relay is used it must be mounted outside the chamber in a watertight enclosure. Provisions shall be made to prevent gases in the chamber from following electrical conduits into the control box.

- 4) A check valve between the pump and the piping network shall not be allowed.

- 5) The high water alarm switch shall be located 2-3 inches above the pump or siphon activation level. This switch shall be on a separate circuit from the pump level controls.

- 6) An alarm system shall be provided for the pump and pumping chamber and any electrical components in accordance to Section 905.60(b), (9), (E) and (F).

(Source: Added at 14 Ill. Reg. _____, effective _____)

Section 905.130 Human Waste Disposal

- a) General. Privies, portable toilets, recirculation toilets, incinerator toilets, and compost toilets are approved for private sewage disposal of human wastes. Others domestic wastes shall be disposed of in a conventional system, (Section 905.30) however, the size of all components may be reduced 25 percent (except that septic tanks may not be smaller than 750 gallons). Note: Compost toilets may be used to dispose of other organic domestic wastes.

- b) Privy Construction. All privies shall be constructed and maintained in accordance with the following and Appendix A: Illustration T:

- 1) Pit Construction. The pit shall be constructed of materials and in such a manner as to be able to endure the anticipated load and use and to withstand the local environmental conditions without deteriorating. The pit shall be constructed such that there shall be access to the pit for pumping and cleaning purposes.

- 2) Pit Size. The pit shall have a minimum capacity of 50 cubic

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

feet per seat.

- 3) Floor and Seat Riser. The floor and seat riser shall be constructed of an impervious material and in a manner to exclude insects and rodents. The seat riser shall be bonded to the floor to prevent seepage through the riser onto the floor.
- 4) Seat Cover. The seat opening shall be covered with a hinged lid which forms a tight seal.
- 5) Vent. Each pit or vault privy shall be provided with a vent to the outside which creates airflow out of the building through the vent. The vent opening shall be screened to prevent the entry of flies.
- 6) Maintenance. When any privy is abandoned or filled to within 18 inches of the bottom of the riser, it shall be pumped by a private sewage disposal system pumping contractor. Any abandoned privy shall be filled with earth.
- c) Vault Privy. Watertight, non-metal vaults are required where privies are used in areas where the groundwater or limestone formations are within four feet of the bottom of the pit. The vault shall be provided with a readily accessible clean out which prohibits the entry of rodents, insects, and surface water. (See Appendix A: Illustration T).
- d) Septic Privy. The vault of a septic privy shall be watertight. The subsurface seepage field shall consist of a minimum of one 10 foot distribution line placed in a two foot wide trench constructed in accordance with Section 905.60 and Appendix A: Illustration U.
- e) Standards for the Construction and Servicing of Non-Sewered portable toilet systems. A portable toilet is a self-contained unit equipped with a waste receiving holding container. Non-sewered toilet systems shall be constructed and maintained in the following manner:
 - 1) Rooms, buildings or shelters housing toilets shall be of solid construction, easy to clean, providing shelter and privacy. The toilet room shall be ventilated to the outside and the vent covered with 16 mesh screen. Internal latches shall be provided to prevent inadvertent entry.
 - 2) Waste containers shall be fabricated from impervious materials such as plastic, steel, fiberglass or their equivalent. Containers shall be watertight and capable of containing the waste. Containers shall be adequate in size to be used by the

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

number of persons anticipated without filling the container to more than half of its volume before regularly scheduled service.

- 3) Servicing shall include the use of a cleaning solution for cleaning urinals and seats including removing waste from containers, recharging containers with an odor controlling solution and installing a supply of toilet tissue based on its intended use. Employers and event sponsors are responsible for contracting service intervals frequent enough to ensure clean sanitary facilities.
- 4) Any defective or inadequate toilet unit shall be repaired or withdrawn from service by locking or removal.
- 5) Removal of waste shall be handled in a sanitary manner by means of a vacuum hose and discharge to a leak-proof tank truck. All ports on the tank shall be valved and capped.
- 6) Service trucks shall have access to the toilets to be serviced.
- 7) Disposal of waste from tank trucks shall be in accordance with Section 905.170(g).
- e) ~~Chemical toilets--Where chemical toilets are used--the owner or private sewage disposal contractor shall maintain them and dispose of their contents in accordance with Section 905.170.~~
- f) Recirculating Toilets.
 - 1) Self-contained toilets which treat and recirculate the flushing liquid shall be constructed of an impervious, easily cleanable material and vented to the outside air through a screened pipe. The effluent, if any, from the recirculating toilet shall discharge into a subsurface seepage field or into a disposal bag. The subsurface seepage field shall consist of a minimum of one ten-foot long distribution line placed in a two-foot wide trench constructed in accordance with Section 905.60. The owner of a recirculating toilet shall dispose of any residual from the unit in an approved public or private sewage disposal system.
 - 2) Recirculating toilets shall comply with the requirements of the National Sanitation Foundation (N.S.F.) Standard 41 and shall bear the N.S.F. seal.
- g) Incinerator Toilets.
 - 1) Incinerator toilets shall be designed and operated to provide complete incineration of the contents without production of

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

odors. The owner of an incinerator toilet shall maintain the toilet and dispose of the contents in accordance with Section 905.170(e).

- 2) Incinerator toilets shall comply with the requirements of the National Sanitation Foundation (N.S.F.) Standard 41 and shall bear the N.S.F. seal.

h) Compost Toilets.

- 1) Compost toilets shall be designed in accordance with the manufacturer's recommendations to serve the anticipated number of persons. The owner of a compost toilet shall maintain the toilet and dispose of the contents in accordance with Section 905.140.

- 2) Compost toilets shall comply with the requirements of the National Sanitation Foundation (N.S.F.) Standard 41 and shall bear the N.S.F. Seal.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.140 Holding Tanks

- a) General. Holding tanks are approved for private sewage disposal only under the following circumstances:

- 1) To serve a seasonal use, single family residence, such as a cabin used only on weekends, short vacations, and other similar situations.
- 2) As a temporary measure while awaiting the availability of a municipal sewer extension.
- 3) As a sanitary dumping station to receive the discharge from holding facilities on recreational vehicles.
- 4) To receive the discharge from fixtures or drains which receive waste products such as grease, oils, solvents, chemicals, etc. generated by a facility which shall not be discharged into a private sewage disposal system. These waste products shall be handled according to 35 Ill. Adm. Code 700 (Note: Also see Illinois Plumbing Code (77 Ill. Adm. Code 890.1))

- b) Approval. Approval for holding tanks shall be obtained in writing from the Department or local authority prior to installation. Such approval shall be based on compliance with this Section.

NOTICE OF PROPOSED AMENDMENTS

- c) Construction and Location. Holding tanks shall be designed and constructed in compliance with Section 905.40, "Septic Tanks", except that the outlet shall be permanently sealed. Holding tanks shall be located to comply with the requirements for "Septic Tanks or Aerobic Treatment Plants" as listed in Appendix A: Illustration D.
- d) Conversion to Conventional Private Sewage Disposal Systems. Holding tanks installed under Subsection (a)(2) above shall be converted to a conventional private sewage disposal system if a municipal sewer has not been extended to serve the property within one year of the original installation.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.150 Sanitary Dump Stations

- a) General. Sanitary dump stations which receive the discharge of holding tanks on recreational vehicles shall be designed and constructed in accordance with the ~~Rules-for~~ Recreational Areas Code, (77 Ill. Adm. Code 800) and the following: (Appendix A: Illustration V indicates mandatory construction requirements)

1) ~~A sanitary dump station shall be separate from any other private sewage disposal system.~~

- 21) A sanitary dump station with a disposal system shall be designed on the basis of 20 gallons per day per unsewered recreational vehicle site.

- 32) A sanitary dump station with only holding capabilities shall be designed on the basis of 140 gallons per unsewered recreational vehicle site.

- b) Construction and Location. The construction and location of a sanitary dump station with a disposal system shall comply in all respects with the applicable Rules in this Code, depending on the type of system used. The location and construction of a sanitary dump station with only holding capabilities shall comply with the requirements of Section 905.140.

- c) Ancillary Requirements. A sanitary dump station shall be provided with the following:

- 1) A concrete pad sloped at least one inch per ten feet to a drain. This pad shall extend at least two feet in every direction from the drain, and shall have at least a two inch high curb around the outside perimeter of the pad as indicated in Appendix A: Illustration V.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 2) A foot-operated, self-closing cap which forms a tight seal with the drain shall be provided.
- 3) The sewer line from the drain to the tank shall be at least four inches in diameter and constructed of material approved under Section 905.20(f). It shall be installed to maintain at least a ten foot horizontal separation between the water and sewer line, and the water line and the tank.
- 4) A water supply distribution tap for flushing the pad shall be provided. The water supply line to the tap shall be of materials, location, and construction in accordance with the Illinois State Plumbing Code (77 Ill. Adm. Code 890), and shall be provided with approved, properly installed back siphonage protection. No "stop and waste" valves will be allowed on this tap. This water tap shall be posted, "Not for Human Consumption. Use for Flushing and Cleaning Purposes Only."

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.160 Swimming Pool Wastewater

- a) General. Wastewater generated from the operation of a swimming pool includes clear wastes, such as drainage from the pool proper, deck drainage, and perimeter overflow system drainage; and turbid wastes, such as filter wash and backwash water.
- b) Approved Treatment and Disposal. Wastewater from swimming pools may not be discharged to a private sewage disposal system receiving domestic sewage. It shall be disposed of in the following manner:
 - 1) Clear water wastes may be discharged directly to storm sewers, natural drainage areas, seepage-pits, or to the ground surface without additional treatment. Such drainage shall not result in nuisance conditions which create an offensive odor, or which produce a stagnant wet area, or which produce an environment for the breeding of insects. These discharges may require an NPDES Permit from IEPA.
 - 2) Wash or backwash water from sand filters may be discharged to natural drainage areas, storm sewers, seepage pits, or to the ground surface. Diatomaceous earth filter wash or backwash water may be discharged to one of the above after treatment consisting of one of the following:
 - A) Passing the wastewater through a separation tank designed for removal of the diatomaceous earth and suspended solids.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- B) Settling the wastewater in a tank which is capable of holding the volume of one backwash. One backwash is defined as the amount of water generated from the backwash of the filters for a period of two minutes for diatomaceous earth filters, at the required backwash flow rate. The tank shall be dewatered after settling and prior to subsequent backwashes. Settled sludge shall be periodically removed to prevent flushing of solids during backwashing. (See Appendix A: Illustration W).

- C) A separate private sewage disposal system designed and constructed in accordance with the applicable Sections in this Code.

e) ~~Seepage-pits--Where seepage-pits are used for the final disposal of swimming-pool wastewater, they shall be designed on the basis of the anticipated flow and the percolation rate, as determined by the procedure outlined in Appendix A: Illustration G. Seepage-pit construction shall comply with the requirements of Sections 905.60(f) and (g).~~

(Source: Amended at 14 Ill. Reg. _____, effective _____)
Section 905.170 Servicing, Cleaning, Transporting and Disposing of Wastes from Private Sewage Disposal Systems

- a) General. The collection, storage, transportation, and disposal of all seepage shall be handled in accordance with this Section.
- b) Truck Identification. The name under which the business is conducted and the address of each contractor shall be painted on each side of every pumper truck operated by him. The letters shall be easily legible and at least three inches high.
- c) Equipment Inspection. Equipment shall be subject to inspection and approval by a representative of the Department or local authority at any reasonable time; and, upon request, shall be available for inspection at a designated location.
- d) Vehicle Construction and Equipment. Each vehicle used for collection and transportation of waste shall be equipped with a leak proof and tightly sealed tank for seepage hauling. The interior and exterior sections of all portable containers, pumps, hoses, tools, or other implements which have been contaminated shall be rinsed clean after each use and the rinsings shall be disposed of such that no health hazard or nuisance results. Trucks and tanks shall comply with the following:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- 1) The vehicle shall be equipped with either a vacuum pump or other type of pump which is self-priming and will not allow any seepage from the diaphragm or other packing glands.
- 2) The discharge nozzle shall be located so that there is no flow or drip onto any portion of the truck.
- 3) The drainage discharge nozzle shall be capped when not in use.
- e) Septage Disposal Site--Each licensed contractor engaged in septage disposal shall file with the Department, and each year amend, a statement describing the location and methods of disposal of septage--Methods of septage disposal approved by the Department are as follows:

Notification of Disposal Site. Annually, the private sewage disposal system pumping contractor shall:

- 1) Notify the Department and local public health authority of the sites utilized for disposal. Information to be reported shall be: county, township, range, and section, with a description to the nearest 1/4 section, name and address of the owner of the property, purpose for which the disposal site is otherwise used such as pasture, grain crops, mowing crops, or timber.
- 2) Provide an annual estimate of the total gallons of septage disposed of at each site.
- 3) Describe the methods of disposal at each site.

f) Disposal methods. Methods of septage disposal approved by the Department are as follows:

- 1) Discharge to a Municipal Sanitary Sewer System. Discharge to a municipal sanitary sewer system is approved when the municipality has approval from the Illinois Environmental Protection Agency to receive septage from private sewage disposal systems; and the contractor has written approval from the municipality to discharge septage into the system.
- 2) Application to Agricultural Land. Septage may be applied to agricultural land provided the following criteria are met:
 - A) The depth to the ground water table or to fractured limestone formations is at least four feet below the ground surface.
 - B) The septage is disposed of in the following manner:

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

- i) It originates from private sewage disposal systems which treat only domestic sewage as that term is defined in Ill. Rev. Stat. 1981, ch. 111 1/2, par. 116.303;
- ii) It is not applied to land which has been saturated by rainfall during the 24-hour period preceding the intended application time;
- iii) It is not applied to land with water ponded upon it;
- iv) It is not applied to land within 150 feet of wells, homes, or other water supplies, ponds, or streams.
- v) It is not applied to land having greater than 5% slope;
- vi) It is not applied to land that is intended to grow root vegetables, or other low growing fruits or vegetables which may be eaten raw.
- vii) It is applied at a rate which does not exceed 5,000 gallons of septage per acre per month.
- viii) Where it is determined by the Department or local authority that a nuisance condition (See Section 905.160(b)(1)) exists, then the septage shall be incorporated into the soil.
- 3) Discharge to Sludge Lagoons or Sludge Drying Beds. Discharge to a sludge lagoon or drying bed must be approved by the Illinois Environmental Protection Agency, (IEPA) (35 Ill. Adm. Code 309) or the owner/operator of the lagoon or drying bed must have a permit from the IEPA to receive septage from the contractor. If the contractor is going to construct a sludge lagoon or drying bed, a permit will be necessary from the IEPA to construct and operate the proposed facility.
- 4) Discharge to an Incinerator Device. Discharge of septage to an incinerator must be approved by the IEPA or the owner/operator of the incinerator must have a permit from the IEPA to receive septage from the contractor.
- 5) Discharge to a Sanitary Landfill. Discharge of septage to a sanitary landfill must be approved by the IEPA or the owner/operator of the landfill must have a permit from the IEPA to receive the septage from the contractor.
- g) Methods for the disposal of waste from portable toilets shall be as

follows:

- 1) Discharge to a Municipal Sanitary Sewer System. Discharge to a municipal sanitary sewer system is approved when the municipality has approval from the Illinois Environmental Protection Agency to receive septage from private sewage disposal systems; and the contractor has written approval from the municipality to discharge septage into the system.
- 2) Discharge to Sludge Lagoons or Sludge Drying Beds. Discharge to a sludge lagoon or drying bed must be approved by the Illinois Environmental Protection Agency, (IEPA) (35 Ill. Adm. Code 309) or the owner/operator of the lagoon or drying bed must have a permit from the IEPA to receive septage from the contractor. If the contractor is going to construct a sludge lagoon or drying bed, a permit will be necessary from the IEPA to construct and operate the proposed facility.
- 3) Discharge to an Incinerator Device. Discharge of septage to an incinerator must be approved by the IEPA or the owner/operator of the incinerator must have a permit from the IEPA to receive septage from the contractor.
- 4) Discharge to a Sanitary Landfill. Discharge of septage to a sanitary landfill must be approved by the IEPA or the owner/operator of the landfill must have a permit from the IEPA to receive the septage from the contractor.
- h f) "Other Wastes": The following shall not be disposed of by application to agricultural land:
 - 1) Waste from a portable toilet.
 - 2) Holding tank waste as provided in Section 905.140. Automotive grease-oil-grease, and similar-type wastes shall not be applied to agricultural land.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.180 Examinations For Licensure

a) Applications

- 1) Each person who desires to apply for admittance to the examination for a Private Sewage Disposal System Installation Contractor license or a Private Sewage Disposal System Pumping Contractor license shall file an application for examination on forms provided by the Department. These forms may be obtained

by writing to the Illinois Department of Public Health, Division of Environmental Health 535 West Jefferson Street, Springfield, Illinois 62761.

- 2) Examination dates and locations shall be established by the Department. A completed application, a photograph of the applicant, and a fee of \$25.00 must be filed with the Department at least 30 days prior to the examination date.
- h) Examination Requirements and Results
 - 1) Installation License Examination. The examination for a Private Sewage Disposal System Installation Contractor license shall test the applicant's knowledge of the design, installation, operation, maintenance, repairing and servicing of private sewage disposal systems.
 - 2) Pumping Licensing Examination. The examination for a Private Sewage Disposal System Pumping Contractor license shall test the applicant's knowledge of the pumping, hauling, and disposal of wastes removed from private sewage disposal systems.
 - 3) Individuals desiring both the installation contractor license and pumping contractor license must pass the examination for each license.
 - 4) Passing Grade. The examination shall consist of questions with a combined grade value of 100 points. In order to successfully pass the examination, a grade of not less than 75 must be obtained.
 - 5) Failure to Pass. Any person who fails to pass the examination shall be admitted to a subsequent regularly scheduled examination after filing a new application and fee with the Department in accordance with Section 905.180(a) however, persons who fail to pass the exam two times in a calendar year shall be required to wait at least one calendar year from the date of the last examination before taking the examination again.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.190 Installation Approval

- a) Plan approval shall ~~must~~ be obtained from the Department or local authority prior to beginning any construction of a new private sewage disposal system. A new private sewage disposal system shall consist of, but not necessarily be limited to, the following:

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

- 1) A system where a septic tank is replaced or where a major component of the system is removed or added. Examples of major components would be the replacement or addition of an aeration unit, recirculating sand filter, sand filter, seepage pit, seepage bed or lagoon.
- 2) A system where the size of the absorption field is increased in size by 25% or more or where 25% or more of the existing absorption field is removed and replaced with new piping and backfill material.
- b) Submittal for approval shall be made on the forms provided by the Department. At a minimum, the necessary information which must be submitted to the Department or local authority for approval shall consist of:

- 1) Plans or drawings to scale indicating lot size with dimensions showing the location of the system, type of system to be constructed, the dimensions and the length of lateral to be installed showing type of backfill material if applicable, distances to water lines, water wells, potable water storage tanks and buildings, site elevations, ground surface contours and typical cross section of the system.
- 2) Number of bedrooms or design volume.
- 3) Percolation test results if applicable.
- 4) Owners name and address.
- 5) Name and signature of applicant.

- c) ~~Contractors~~ Persons who install, repair or modify a private sewage disposal system shall notify the Department or local authority at least two days prior to commencement of the work.

- d) If any person installs, repairs or modifies a private sewage disposal system without complying with the requirements of Section 905.190(a) thru 905.190(c) and backfills any portion of the system or covers any portion of the system with earth, cinders, gravel, shale or any other material which will prevent the Department or local authority from viewing the system to determine compliance with this code, the property owner and/or private sewage disposal installation contractor shall uncover the backfilled or covered portions of the system.

- e) Contractor Responsibility. The private sewage disposal installation contractor shall be responsible for the following:

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

- 1) Sewage disposal systems designed and constructed using soils information.
- 2) Percolation test results and the sewage disposal system which is designed and constructed using those results.
- 3) Acceptance of percolation tests from other sources does not relieve the installation contractors responsibility.
- 3) The results of soil classification information and/or percolation tests used to design a private sewage disposal system shall be given to the property owner and copies of this information shall be retained by the installation contractor for at least five (5) years.

- f) Soil Classifier Responsibility. The soil classifier shall be responsible for the accuracy of the information in soil reports used to design private sewage disposal systems.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.200 Licenses and Fees

- a) An individual may obtain a license as a Private Sewage Disposal System Pumping Contractor or a Private Sewage Disposal System Installation Contractor upon successfully passing the examinations given for each, then, making application on forms provided by the Department and submitting the annual license fee of \$50.00 to the Department.
- b) EACH PERSON WHO HOLDS A CURRENTLY VALID PLUMBING LICENSE ISSUED UNDER THE "ILLINOIS PLUMBING LICENSE LAW" (111. Rev. Stat. 19895, ch. 111., par. 1101 et. seq.) IS ARE NOT REQUIRED TO PAY AN ANNUAL LICENSE FEE, BUT MUST COMPLY WITH ALL OTHER PROVISIONS OF THE ACT AND THIS PART. (111. Rev. Stat. 19895 ch. 111 1/2, par. 116.305(a))
- c) The fee to be paid for the annual renewal of either a Private Sewage Disposal System Pumping Contractor or a Private Sewage Disposal System Installation Contractor license shall be \$50.00.
- d) The fee to be paid for the reinstatement of a Private Sewage Disposal System Pumping Contractor license or a Private Sewage Disposal System Installation Contractor license which has expired for a period of less than 3 years shall be \$20.00, plus all lapsed renewal fees.
- e) A license which has expired for more than 3 years may be restored only by passing the written examination and paying the required fees.
- f) NO REINSTATEMENT FEE WILL BE CHARGED AND NO EXAMINATION WILL BE

ILLINOIS REGISTER

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

REQUIRED OF AN APPLICANT WHO IS SEEKING REINSTATEMENT WITHIN TWO YEARS OF TERMINATING MILITARY SERVICE, UPON PAYMENT OF ANNUAL LICENSE FEE AND SUBMISSION OF EVIDENCE OF MILITARY SERVICE. (111. Rev. Stat. 1989 ch. 111 1/2 par. 116.305 (b))

(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905.210 Notification of Disposal Site

~~Annually the private sewage disposal system pumping contractor shall:~~

- a) ~~Notify the Department of Local Public Health authority of the sites utilized for disposal.~~
- b) ~~Provide an annual estimate of the total gallons of sewage disposed of at each site.~~

(Source: Repealed at 14 Ill. Reg. _____, effective _____)

ILLINOIS REGISTER

16374

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A Illustrations and Exhibits
Illustration A Quantity of Sewage Flows

GALLONS PER PERSON
PER DAY
(Unless
Otherwise Noted)

Type of Establishment

Permanent Dwellings

Board Houses	50
Boarding Schools	100
Institutions, Other than hospitals (per bed)	125
Mobile Homes, Individual (per bedroom)	200
Mobile Home Parks (per space)	400 250
Multi-Family Dwellings (per bedroom)	200 150
Rooming Houses	40
Single Family Dwellings (per bedroom)	200

Travel and Recreational Facilities

Airports, Railway Stations, Bus Stations	5
Campgrounds	
Comfort Station w/toilets & showers (per space)	35
Comfort Station w/toilets, no showers (per space)	25
Day camps, no meals	25
Travel trailer parks with water and sewer hook-ups (per space)	50

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A Illustrations and Exhibits
Illustration A Quantity of Sewage Flows (continued)

Type of Establishment	GALLONS PER PERSON PER DAY (Unless Otherwise Noted)
Cottages and/or Small Dwellings with seasonal occupancy (per bedroom)	150
Country Clubs (per member)	25
Highway Rest Areas	5
Hotels and Motels (per bed)	50
Picnic Parks	5
Places for Public Assembly	5
Swimming Pools and Bathing Beaches	10
Theatres	
Movie (per seat)	5
Drive-In (per car space)	10
Commercial, Industrial, and Miscellaneous	
Churches (per seat)	3
With kitchens, add (per meal)	3
Construction Camps or Sites, Factories	
With toilets and showers	35
With toilets, no showers	20
Hospitals (per bed)	250
Laundries (per customer)	50
Offices and other day workers	15

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A Illustration and Exhibits
Illustration A QUANTITY OF SEWAGE FLOWS (continued)

Type of Establishment	GALLONS PER PERSON PER DAY (Unless Otherwise Noted)
Restaurants, with toilets (per meal)	10
Restaurants, without toilets (per meal)	3
Additional for bars and cocktail lounges	2
Schools	
Without cafeterias or showers	15
With cafeterias and showers	25
With cafeterias or showers	20
Service Stations (per vehicle served)	5
Shopping Centers (per 1000 sq. ft. floor area)	250
Stores (per toilet room)	400

(Source: Amended at 14 Ill. Reg. _____, effective _____)

SECTION 905 APPENDIX A
ILLUSTRATION C LIST OF APPROVED PLASTIC PIPE FOR SEPTIC USES

TYPES OF PIPES	ASTM STANDARD	BUILDING SEWERAGE	SEWER LINES	ALL DISTRIBUTION LINES
		5 ft. from building to septic-aeration tank to 6 1/2 ft. beyond the septic-aeration tank or distribution-box	Additional treatment facilities and sand filter collection lines and distribution lines	SUB SURFACE SEEPAGE SYSTEMS

ABS (DWV Schedule 40) F628-85	X	X	X	X
ABS (Sewer Pipe) D2751-80	X ²	X ²	X ²	X ²
ABS (DWV Schedule 40) D2661-78	X	X	X	X
ABS D1527-77	X ²	X ²	X ²	X ²
PVC (Type PSM)(SDR35) D3034-80	X ²	X ²	X ²	X ²
PVC (DWV Schedule 40) D2665-78	X	X	X	X
PVC (Std. or Perforated) D2729-80				
PVC (Type PSP)(SDR35) D3033-81	X ²	X ²	X ²	X ²
PVC (Type PS-46) D1785-76	X	X	X	X
PVC (Type PS-46) F789-82	X	X	X	X
PVC (Type PS-46) F789-82	X	X	X	X
PVC (Type PS-46) F789-82	X	X	X	X
PVC (DWV Schedule 40) F891-86	X	X	X	X
PVC (Sewer & Drain PS-50) F891-86	X	X	X	X
PVC (Sewer & Drain PS-25) F891-86	X	X	X	X
PVC (Corrugated-Smoothwall) F949-85	X	X	X	X
PE (Corrugated-Perforated) F405-823(Heavy Duty Only)				
PE (Corrugated-Perforated) F667-84				
PE (Smoothwall) F810-83				
AASHTO Standard M252-85I				
PE (Corrugated - Smoothwall only)				

x - Indicates approved use.

NOTICE OF PROPOSED AMENDMENTS

- 1 - Commingling of plastic materials shall not be done within this area except through the use of proper adapters. (See Illinois Plumbing Code (77 Ill. Adm. Code 890)). When the building sewer is of a type of material that is different from the building drain, proper transition fittings shall be used.
- 2 - Pipe shall be ~~not have an~~ SDR (Standard Dimension Ratio) ~~number greater than 35 only.~~
- 3 -- Heavy-Duty (only)

Note: The last two numbers of the ASTM Standard indicates the date of the edition.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTSSection 905 Appendix A
Illustration D Location of Components of Private Sewage Disposal Systems¹

COMPONENT PART OF SYSTEM	MINIMUM DISTANCE ALLOWABLE FROM					
	Well Cistern or Suction Line from Pump To Well	Water Supply Line ³ or Pres- sure of Water	Swimming Pool or Other Body of Water	Dwell- ing	Property Line	Field Drain Tile or Curtain Drain
	FEET	FEET	FEET	FEET	FEET	FEET
Building Sewer ²	50	10	25	--	--	--
Septic Tank or Aerobic Treatment Plant	50	10	25	5	5	--
Distribution Box	75	10	25	10	5	--
Subsurface	75	25	25	10	5	10
Seepage System	75	25	15	10	5	10
Sand Filter	75	25	25	20	5	10
Privy	75	25	25	20	5	10
Waste Stabiliza- tion Pond	75	25	25	20	5	10
Seepage-Pit	100	25	25	10	5	10
Surface Discharge ²	50	10	--	--	5	--
Effluent Line	75	25	15	10	5	10
Trench						

1 - These distances have been determined for use in clay, silt and loam soils only. The minimum distances for soils classified as rapid according to Appendix A Illustration M shall be one and one half times the distances stated above. The minimum distances required for use in sand or other types of soil shall be determined for the proposed private sewage disposal system and approved by this Department. Such approval will be given where the Department determines that the soil will provide treatment of the sewage.

2 - The building sewer or surface discharge effluent line may be located to within 10 feet of a well or suction line from the pump to the well when cast iron pipe with mechanical joints or Schedule 40 PVC pipe with water tight joints is used for the building sewer or surface discharge effluent line.

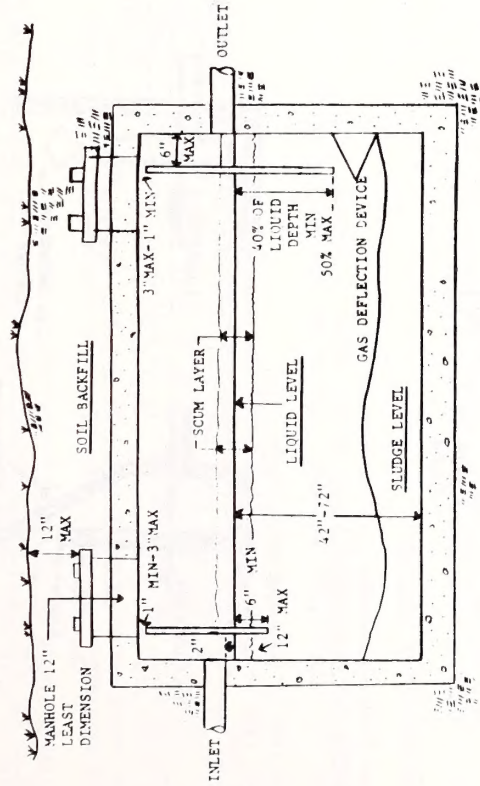
DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

3 - See Section 905.20(d) for additional details on water line and sewer separation. This includes lawn irrigation piping.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

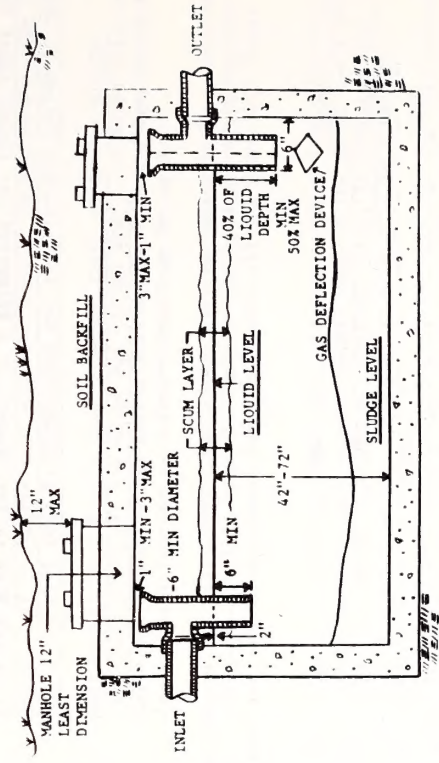
Section 905 Appendix A
Illustration E Septic Tanks
Exhibit A Septic Tank With Slip-In Baffles



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration E Septic Tanks
Exhibit B Septic Tank With T-Baffles



(Source: Amended at 14 Ill. Reg. _____, effective _____)

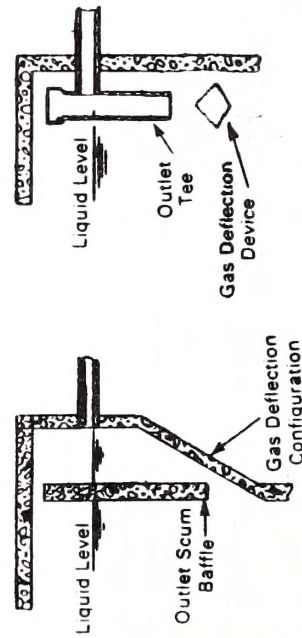
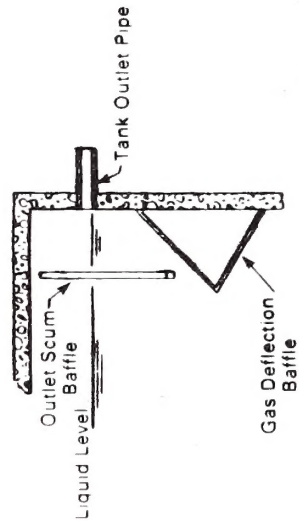
DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration E Septic Tanks

Exhibit C Typical Gas Deflection Devices



(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration F Minimum Volumes For Septic Tanks Serving Residential Units

NUMBER OF BEDROOMS	MINIMUM LIQUID CAPACITY OF TANK (GALLONS)	MINIMUM LIQUID CAPACITY OF TANK (GALLONS) WHEN GARBAGE GRINDER IS USED
2 or less	750	1125 ±150
3	1000	1500
4	1250	2000
5	1500	2200
6	1750	2600
7	2000	3000

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration G Instructions For Conducting Percolation Tests

Percolation Tests shall not be made in frozen ground or ground that has been filled in the preceding twelve months. Percolation tests shall be performed in accordance with the following procedures:

TYPE-OF-TEST-HOLES: 1. NUMBER AND LOCATION OF PERCOLATION TESTS. Select an area where the seepage field will be located. When digging the holes, avoid animal burrows, large root channels, etc. AT LEAST THREE (3) SEPARATE PERCOLATION TESTS SHALL BE PERFORMED AT THE SITE OF EACH PROPOSED DISPOSAL AREA. The percolation test holes shall be at least 50 feet apart. At least one hole shall be located at the lowest elevation of the proposed absorption field area. ~~three-holes-should-be-made-if-conditions-on-a-variation-in-soil occur. The two holes with the greatest most-stable results shall~~ can be used to determine percolation rate.

2. DEPTH OF PERCOLATION TEST HOLE. Dig or bore the holes with horizontal dimensions approximately four to six inches in diameter to the depth of the proposed seepage field or seepage bed.

3. PREPARATION OF TEST HOLE:

- a) Carefully pick the bottom and sides of the hole with a knife blade or sharp pointed instrument to remove smeared or smoothed soil and to provide a natural soil interface into which water may percolate.
- b) Remove all loose material from the hole.
- c) Add two inches of coarse gravel to protect the bottom from scouring and sediment. A removable hardware cloth screen to line the lower part of the hole also helps prevent sloughing of the hole sides during testing.

4. SATURATION AND SWELLING OF SOIL: ~~in-moist-soil-keep-water-in-the-hole by-carefully-filling-the-hole-and-keeping-it-full-for-at-least-four-hours before-conducting-the-test. It is important to distinguish between saturation and swelling. Saturation means the void spaces between soil particles are full of water. This can be accomplished in a very short period of time. Swelling is caused by the intrusion of water into the individual soil particle. This is a slow process, especially in a clay type soil, and is the reason for requiring a prolonged soaking period.~~

- a) On the day prior to conducting the percolation test, carefully fill the hole with water and keep it full for at least 4 hours. The percolation test shall be conducted on the day following this presoaking at least 18 hours after presoaking but prior to 30 hours after presoaking. Cover the hole during this 18-30 hour waiting

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

period.

- b) On the day of conducting the percolation test, carefully fill the hole with water to 12 inches above the bottom.
- c) Allow the water level to drop to a point six (6) inches above the gravel. If the water does not fall from 12 inches to 6 inches in 6 hours the perc test is terminated and an alternate system is required.
- d) Measure the last 6 inch drop in water level at thirty minute intervals until all the water has seeped away. ~~in-moist-soil-keep water-in-the-hole-by-carefully-filling-the-hole-and-keeping-it-full for-at-least-four-hours-before-conducting-the-test.~~

~~At-the-time-of-the-test-adjust-the-water-level-to-twelve-inches-above-the gravel--allow-the-level-to-drop-six-inches--then-commence-measuring-the-drop in-water-level-at-thirty-minute-intervals-until-all-the-water-has-seeped away.~~

WARNING: Under no conditions shall measurements be taken from water filled to the top of the hole or on water twelve inches deep in the hole. SUCH RESULTS ARE COMPLETELY INVALID AND WILL NOT BE ACCEPTED. Results from the last 6 inches of drop in water are the only results which will be accepted.

5. RECORDING OF RESULTS: Record results of all tests as the total minutes required for the last six inches of seepage. If the last six inches of water has not seeped away at the end of six hours, the soil must be considered unsuitable for seepage field disposal and the appropriate statement marked on the results form.

6. CALCULATING THE PERCOLATION RATE: Add the total minutes required for the last six inches of water to fall from the two holes with the highest result and divide by two. If the average is less than 60 minutes use the percolation rate of 60 minutes. If the average is greater than 60 minutes, refer to Section 905, Appendix A, Illustration H. Locate in the first column (Time (minutes) required) for last 6 inches of water to fall where the highest two hole average fits and use the next highest result as the percolation rate for sizing and design. An example of this procedure is as follows: If three percolation tests are conducted with results of 120 minutes, 140 minutes, and 155 minutes the highest two hole average would be (140 + 155)/2 or 147.5 minutes. Looking at Section 905, Appendix A, Illustration H the next highest result would be 150 minutes. The 150 minute rate would be used to size and design the subsurface seepage system.

7. DISTRIBUTION OF RESULTS: The results of the percolation tests shall be given to the homeowner and shall be retained by the contractor for at least five years. The percolation test data report shall be returned to the appropriate regional office or local authority.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

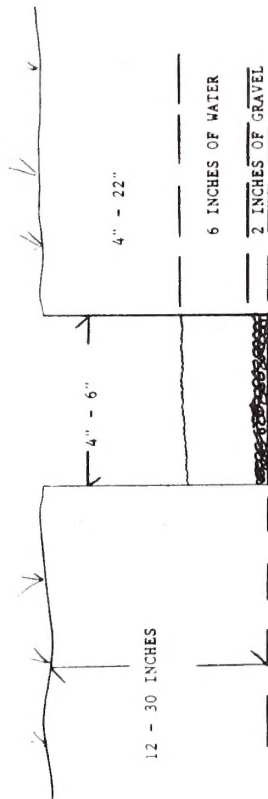
DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration G Instructions For Conducting Percolation Tests (continued)

TEST HOLE:



AT-LEAST-TWO-SEPARATE-PERCOLATION-TESTS-SHALL-BE-PERFORMED-AT-THE-SITE-OF EACH-PROPOSED-DISPOSAL-AREA.

Percolation-tests-shall-not-be-made-in-frozen-grounds-or-ground-that-has-been fitted-in-the-preceding-twelve-months.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration G Instructions For Conducting Percolation Tests (continued)

TEST HOLE #1 TEST HOLE #2 TEST HOLE #3

READING #	TIME (in min.)	WATER LEVEL (in inches)	TIME (in min.)	WATER LEVEL (in inches)	TIME (in min.)	WATER LEVEL (in inches)
1	0		0		0	
2	30		30		30	
3	60		60		60	
4	90		90		90	
5	120		120		120	
6	150		150		150	
7	180		180		180	
8	210		210		210	
9	240		240		240	
10	270		270		270	
11	300		300		300	
12	330		330		330	
13	360		360		360	

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Section 905 Appendix A

Illustration H Subsurface Seepage System Size Determination

Illustration H Subsurface Seepage System Size Determination

Exhibit A Gravel System

Exhibit B Gravelless System

Time (minutes) required for last 6 inches of water to fall	FOR RESIDENTIAL USE		FOR INSTITUTIONAL OR COMMERCIAL USE	
	Required Absorption Area (ft ² /bedroom)	Allowable application rate (GPD/ft ²)	Required Absorption Area (ft ² /bedroom)	Allowable application rate (GPD/ft ²)

Time (minutes) required for last 6 inches of water to fall	FOR RESIDENTIAL USE		FOR INSTITUTIONAL OR COMMERCIAL USE	
	Required Absorption Area (ft ² /bedroom)	Allowable application rate (GPD/ft ²)	Required Absorption Area (ft ² /bedroom)	Allowable application rate (GPD/ft ²)

18--30	130	1.6	45	3.2	4.8
18 - 60	165 200	1.2	55 70	2.4 2.00	3.6
90	230 235	1.0	79 80	2.0 1.70	3.0
120	235 265	0.9	80 90	1.8 1.50	2.7
150	265 290	0.8	90 100	1.6 1.38	2.4
180	290 320	0.7	100 110	1.4 1.24	2.1
240	320 360	0.6	110 120	1.2 1.10	1.8
300	360 410	0.5	120 130	1.1 .96	1.6
360	410 470	0.4	130 150	1.0 .88	1.5

NOTE:

1. If there is more than a 30-minute difference between percolation tests, use the larger results or perform another percolation test.

1. If there is more than a 30-minute difference between percolation tests, use the larger results or perform another percolation test.

12. Absorption area is figured as trench bottom area in absorption trenches/ effective sidewall area in seepage pits and bottom area in seepage beds.

2. Absorption area is figured as trench bottom area in absorption trenches and bottom area in seepage beds.

23. Seepage beds require 1 1/2 times the seepage field absorption area specified.

3. Seepage beds require 1 1/2 times the seepage field absorption area specified.

4. Over 180 is unsuitable for seepage pits.

14. Over 360 is unsuitable for subsurface seepage systems.

35. Over 360 is unsuitable for subsurface seepage systems.

25. Under 18 is unsuitable for subsurface seepage systems.

46. Under 18 is unsuitable for subsurface seepage systems.

3. Divide the required total gallons per day by this number to get the number of lineal feet required.

5. Divide the required total gallons per day by this number to get the number of square feet required.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration I Seepage Field Construction

Exhibit A Standards-Gravel System

Trench bottom, minimum width 8 in.
 Trench bottom, maximum width 36 in.
 Trench bottom, minimum depth 18 in.
 Trench bottom, maximum depth 30.36 in.
 Trench bottom, slope level
 Distribution line, minimum diameter 4 in.
 Distribution line, minimum earth cover 6 in.
 Distribution line, maximum earth cover 18 24 in.
 Distribution line, maximum slope level
 Distribution line, maximum length from
 point of discharge into seepage trench.....100 feet

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration I Seepage Field Construction

Exhibit B Size and Spacing - Gravel System

Width of Trench at Bottom	Minimum Center to Center Spacing of Distribution Lines	Effective Absorption Area Per Lineal Foot of Trench
Inches	Feet	Square Feet
8	6.0	0.67
12	6.0	1.0
18	6.0	1.5
24	6.0	2.0
30	7.5	2.5
36	9.0	3.0

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration I Seepage Field Construction
Exhibit C Standards - Gravelless System

STANDARDS FOR SEEPAGE FIELD CONSTRUCTION (GRAVELLESS)

Trench Length, maximum length from point of discharge into system 100 feet
Trench Bottom, minimum width 18 inches
Trench Bottom, maximum width 24 inches
Trench Bottom, minimum depth 18 inches
Trench Bottom, maximum depth 30 ~~36~~ inches
Trench Bottom, slope level
Distribution Line, minimum inside diameter 8 inches
Distribution Line, maximum inside diameter 10 inches
Distribution Line, minimum earth cover 6 inches
Distribution Line, maximum earth cover 18 ~~24~~ inches
Distribution Line, maximum slope level

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration I Seepage Field Construction
Exhibit D Size and Spacing - Gravelless System

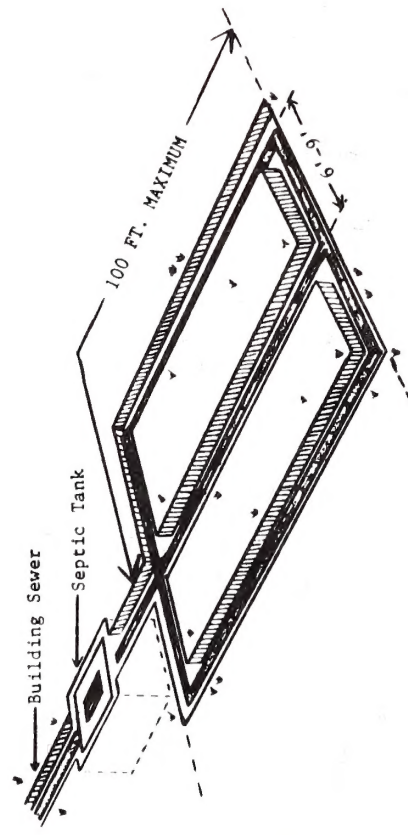
SIZE AND SPACING FOR SEEPAGE FIELD CONSTRUCTION (GRAVELLESS)

Inside Diameter of Gravelless Drainfield	Minimum Center to Center Spacing of Distribution Lines	Effective Absorption Area Per Lineal Foot of Trench
8 inches I.D.	7.0	2.0
10 inches I.D.	7.0	3.0

(Source: Amended at 14 Ill. Reg. _____, effective _____)

ILLINOIS REGISTER
DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

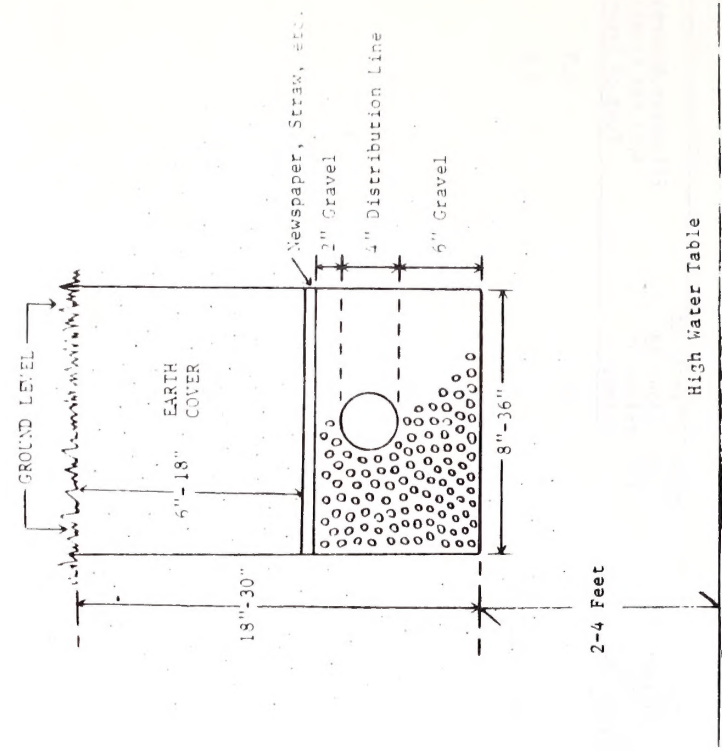
Section 905 Appendix A
Illustration J Septic Tank Subsurface Seepage Field
Exhibit A Plan View - Gravel System



(Source: Amended at 14 Ill. Reg. ____, effective ____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration J Septic Tank Subsurface Seepage Field
Exhibit B Section View - Gravel System



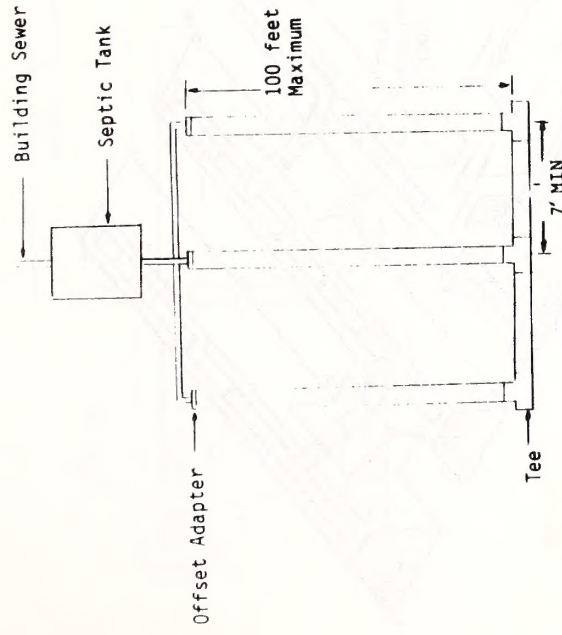
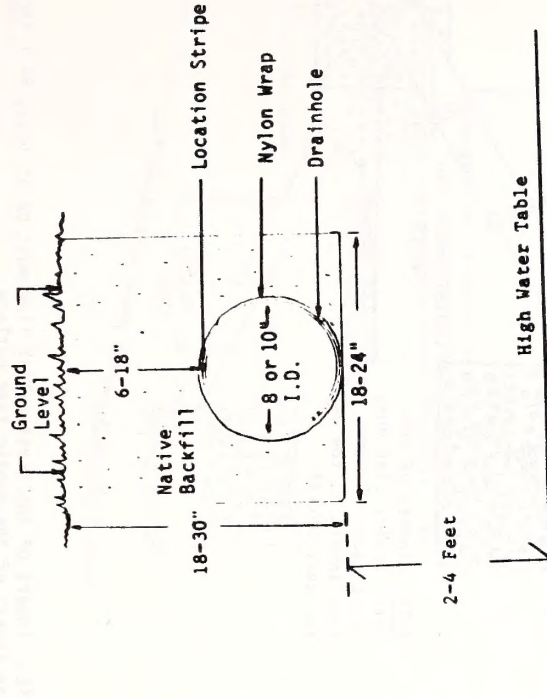
(Source: Amended at 14 Ill. Reg. ____, effective ____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration J Septic Tank Subsurface Seepage Field
Exhibit D Section View - Gravelless System

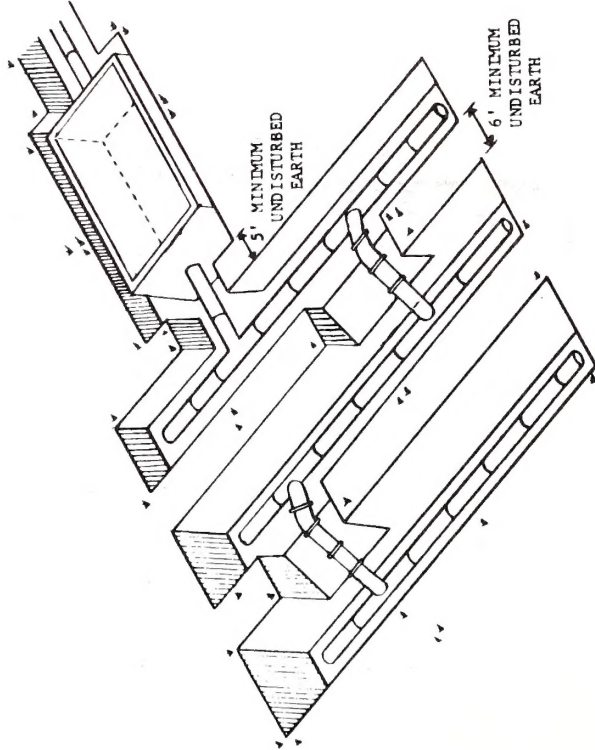
Section 905 Appendix A
Illustration J Septic Tank Subsurface Seepage Field
Exhibit C Plan View - Gravelless System



(Source: Amended at 14 Ill. Reg. _____, effective _____)

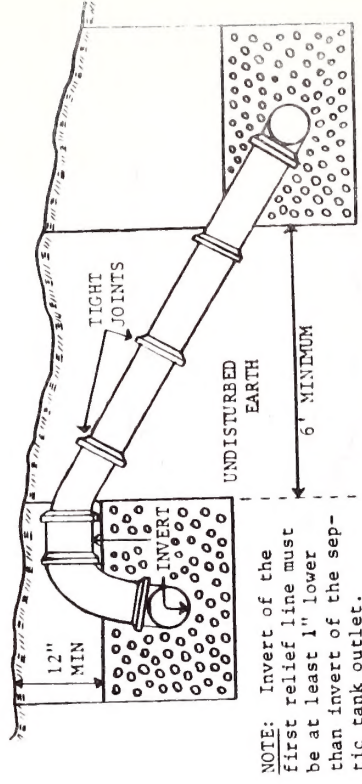
(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
 Illustration K Serial Distribution
 Exhibit A Plan View #1 - Gravel System



(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
 Illustration K Serial Distribution
 Exhibit 3 Section View #1 - Gravel System

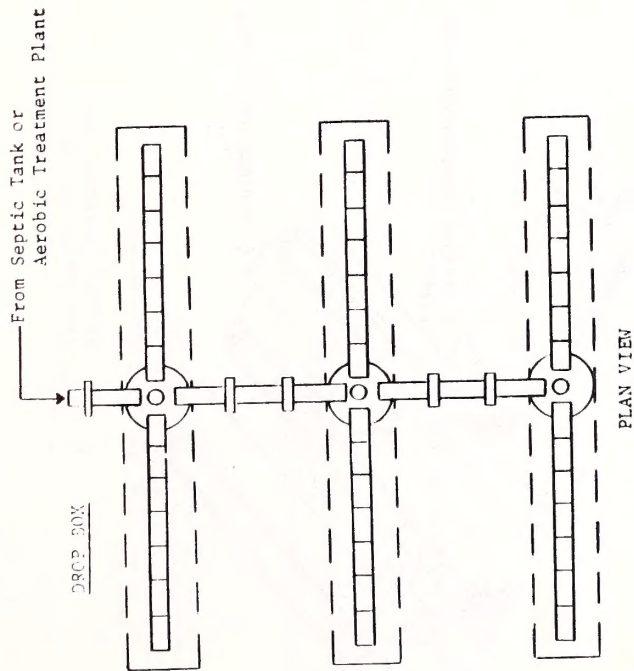


NOTE: Invert of the first relief line must be at least 1" lower than invert of the septic tank outlet.

NOTE: Invert of the first relief line must be at least 6" 1 inch lower than invert of the septic tank outlets.

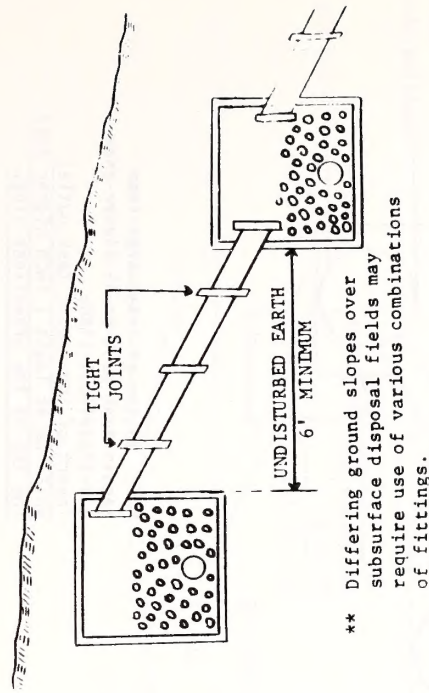
(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
 Illustration K Serial Distribution
 Exhibit C Plan View #2 - Gravel System



(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
 Illustration K Serial Distribution
 Exhibit D Section View #2 - Gravel System



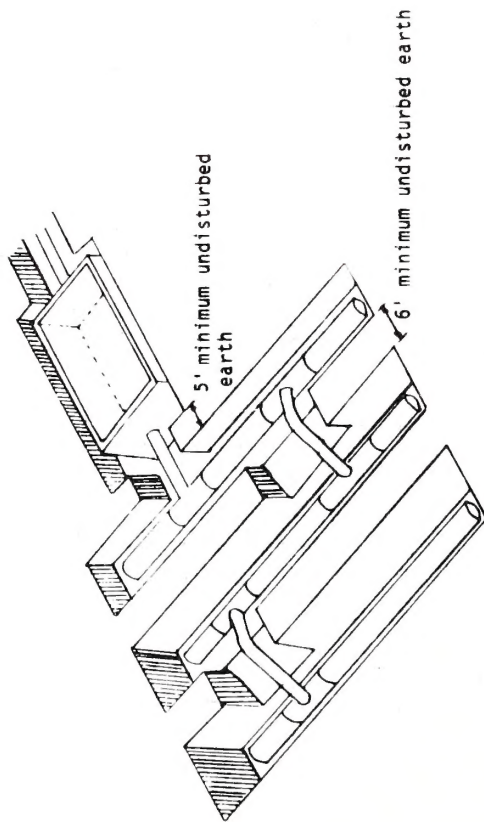
** Differing ground slopes over subsurface disposal fields may require use of various combinations of fittings.

** Differing ground slopes over subsurface disposal fields may require use of various combinations of fittings.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

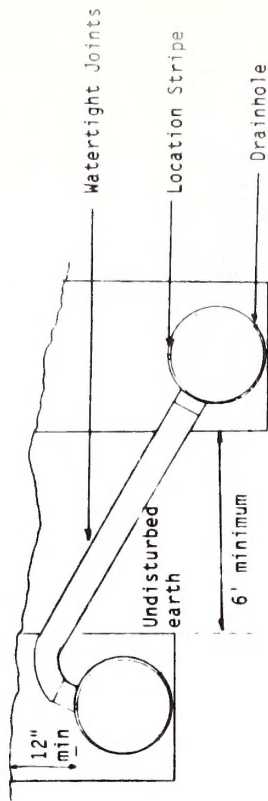
Section 905 Appendix A
Illustration K Serial Distribution
Exhibit E Plan View #1 - Gravelless System



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration K Serial Distribution
Exhibit F Section View #1 - Gravelless System

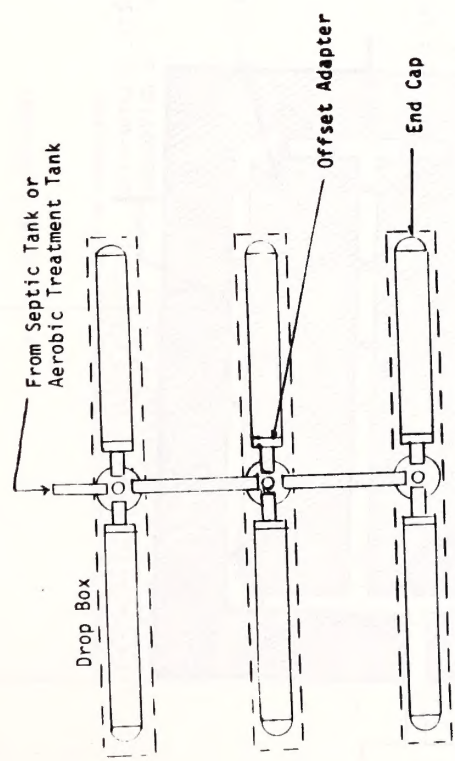


NOTE: Bottom-of-inlet-pipe-from
septic-tank-must-be-1'-higher-than
top-gravelless-pipe.
Invert of the septic tank outlet
shall be at least 1 inch higher than
the top of the gravelless pipe.

(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

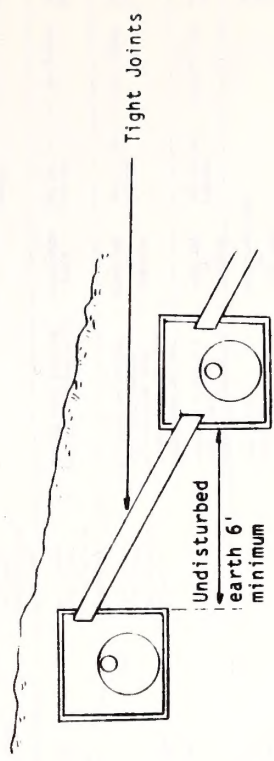
Section 905 Appendix A
Illustration K Serial Distribution
Exhibit G Plan View #2 - Gravelless System



(Source: Amended at 14 Ill. Reg. _____, effective _____)

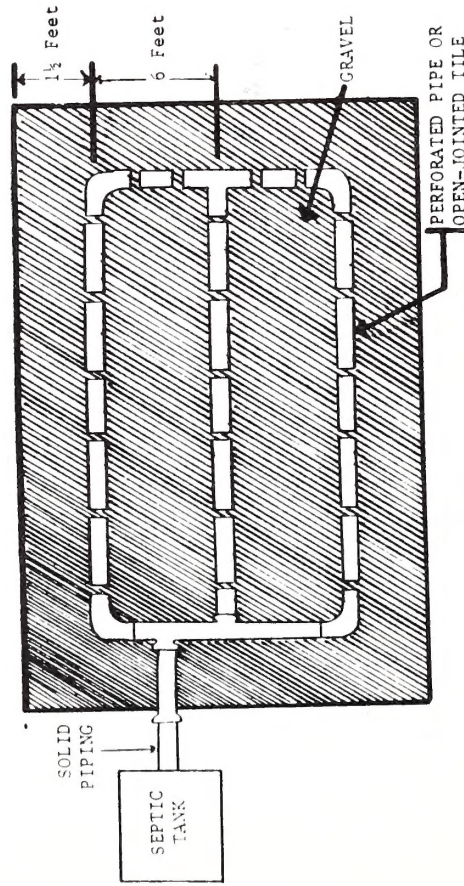
DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration K Serial Distribution
Exhibit H Section View #2 - Gravelless System



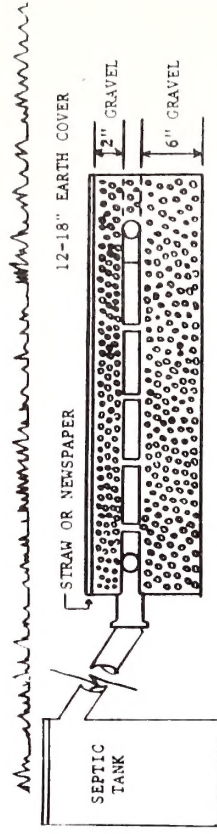
(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
Illustration L Seepage Bed
Exhibit A Plan View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

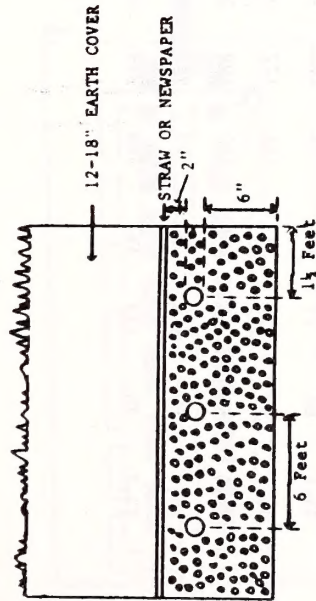
Section 905 Appendix A
Illustration L Seepage Bed
Exhibit B Side View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration L Seepage Bed
Exhibit C End View



DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

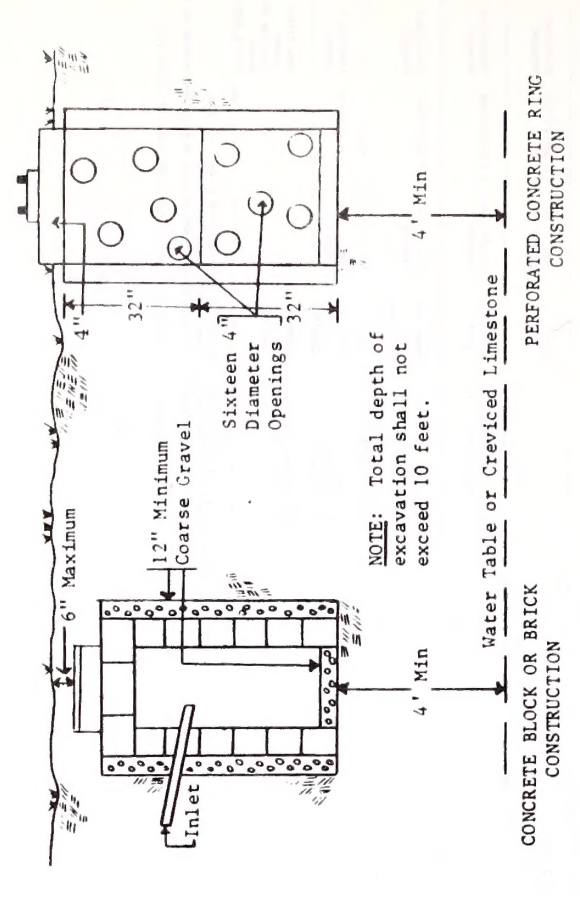
Section 905 Appendix A
Illustration M Soil Suitability For On-Site Sewage Design Seepage-Pits
Exhibit A Vertical-Wall-Areas

SOIL SUITABILITY FOR ON-SITE SEWAGE DESIGN				Size of System		Type
USDA Soil Texture	Minimum (1) Seasonal High Water Table	Other Characteristics	Permeability Factor (2)	Permeability	Non-Permeability	
Very & Extremely Greasy Sand, Coarse Sand, Sand, Gravelly Sand, Sand	4 feet	240 inches (curtain drain required)		Rapid	200 ft. per bedroom	1.0 gal./ft. ² /day
Fine Sand (2)	4 feet	240 inches (curtain drain required)		Rapid	200 ft. per bedroom	1.0 gal./ft. ² /day
Loamy Coarse Sand, Gravelly Sand, Loam	3 feet	240 inches (curtain drain required)		Moderately Rapid	250 ft. per bedroom	0.8 gal./ft. ² /day
Loamy Fine Sand (2), Sandy Loam (2), Gravelly Loam, Loam	2 feet	36 inches (curtain drain required)		Upper End of Moderate	350 ft. per bedroom	.57 gal./ft. ² /day
Silt, Silty Clay Loam, Silty Clay, Silty Clay Loam				Lower End of Moderate	450 ft. per bedroom	.44 gal./ft. ² /day
Clay Loam, Silty Clay Loam, Sandy Clay, Silty Clay, Clay				Moderately Slow to Very Slow		

(1). Minimum separation between the bottom of the seepage field and the seasonal highwater table as indicated by soil wetting.
(2). Very fine sand, loam very fine sand, and very fine sandy loam are evaluated as loam or silt loam.
(3). Permeability range is evaluated for each major horizon, and for the overall profile to a maximum depth associated with the required water table separation for the most limiting horizon's permeability.
(4). Characteristics are listed that may reduce permeability include: poor structure, high bulk densities, dense unrelaxed glacial till, (fragilane, sand horizons, compaction).

(Source: Amended at 14 Ill. Reg. _____, effective _____)
(Source: Old Section Repealed, New Section Added at 14 Ill. Reg. _____, effective _____)

DIAMETER-OF SEEPAGE-PITS IN-FEET	EFFECTIVE-DEPTH-BELOW-INLET-IN-FEET							
	1	2	3	4	5	6	7	8
3	9÷4	19	28	38	47	57	66	75
4	12÷6	25	38	50	63	76	88	101
5	15÷7	31	47	63	79	94	110	126
6	18÷8	38	57	76	94	113	132	151
7	22÷9	44	66	88	110	132	154	176
8	25÷1	50	75	101	126	152	176	201
9	28÷3	57	85	113	141	170	198	226
10	31÷4	63	94	126	157	188	220	251
11	34÷5	69	104	138	173	207	242	276
12	37÷7	75	113	151	188	226	264	302

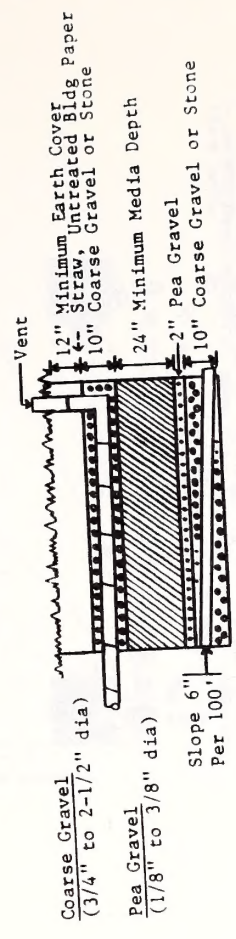


(Source: Repealed at 14 Ill. Reg. _____, effective _____)

(Source: Repealed at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

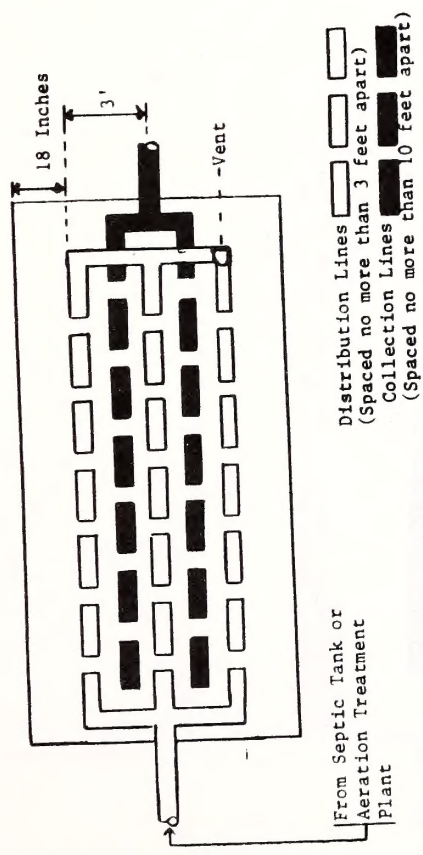
Section 905 Appendix A
Illustration N Buried Sand Filter
Exhibit B Section View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

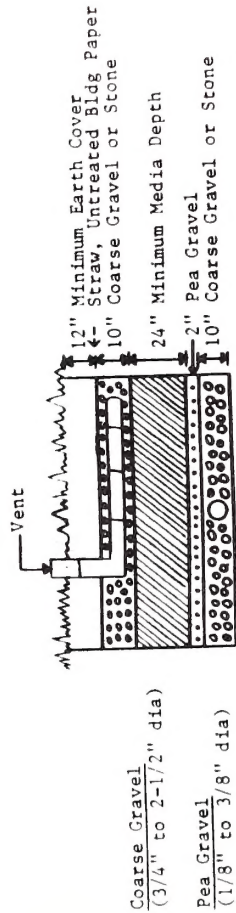
DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration N Buried Sand Filter
Exhibit A Plan View



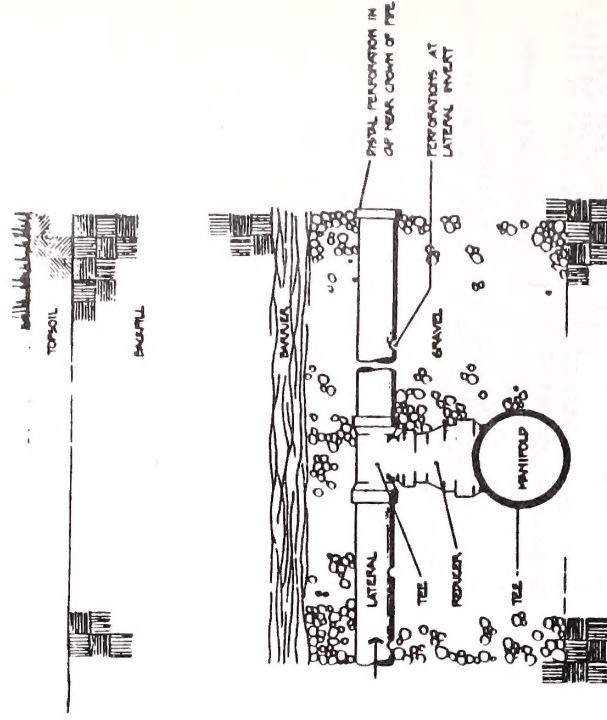
(Source: Amended at 14 Ill. Reg. _____, effective _____)

Section 905 Appendix A
Illustration N Buried Sand Filter
Exhibit C End View

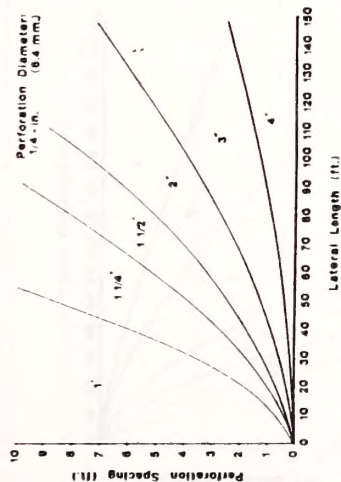


(Source: Amended at 14 Ill. Reg. _____, effective _____)

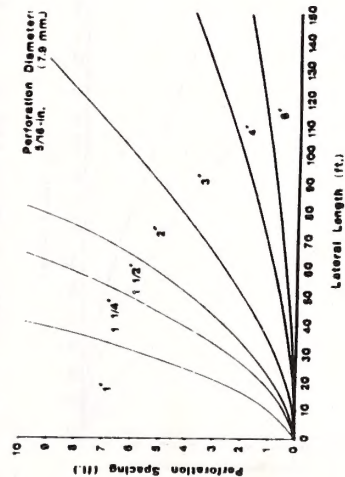
Section 905 Appendix A
Illustration N Buried Sand Filter
Exhibit D Manifold to Lateral Connections



(Source: Added at 14 Ill. Reg. _____, effective _____)

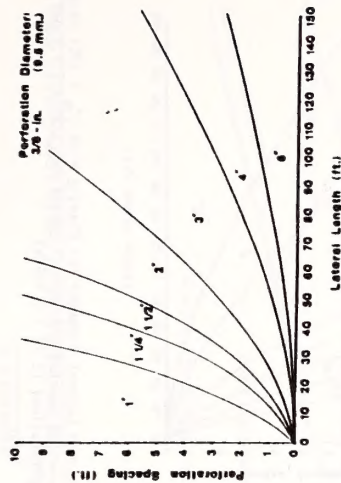


Minimum Lateral Diameter for Plastic Pipe ($C_h = 150$) Versus Perforation Spacing and Lateral Length for 1/4-in (6.4 mm) Diameter Perforations (1 ft = 0.305 m)

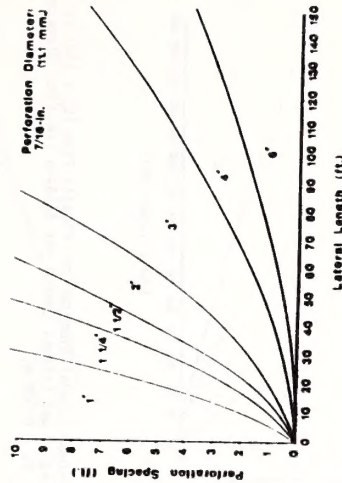


Minimum Lateral Diameter for Plastic Pipe ($C_h = 150$) Versus Perforation Spacing and Lateral Length for 5/16-in (7.9 mm) Diameter Perforations (1 ft = 0.305 m)

(Source: Added at 14 Ill. Reg. _____, effective _____)



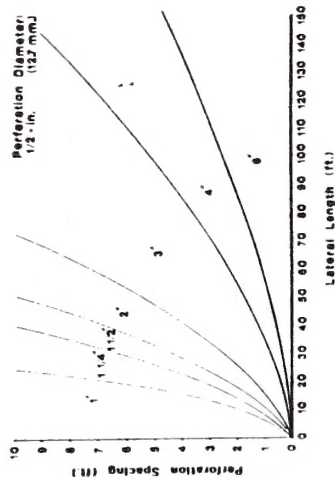
Minimum Lateral Diameter for Plastic Pipe ($C_h = 150$) Versus Perforation Spacing and Lateral Length for 3/8-in (9.5 mm) Diameter Perforations (1 ft = 0.305 m)



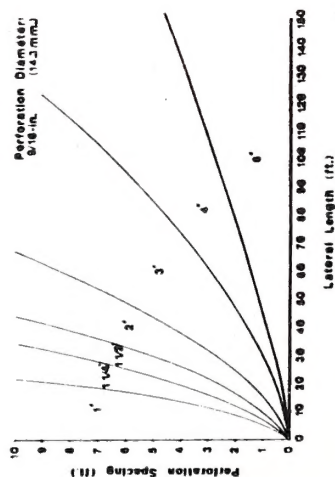
Minimum Lateral Diameter for Plastic Pipe ($C_h = 150$) Versus Perforation Spacing and Lateral Length for 7/16-in (11.1 mm) Diameter Perforations (1 ft = 0.305 m)

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS



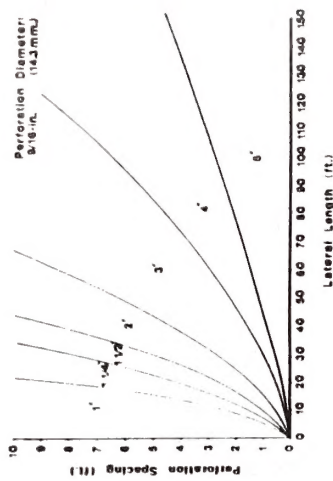
Minimum Lateral Diameter for Plastic Pipe ($C_p = 150$) Versus Perforation Spacing and Lateral Length for 1/2-in (12.7 mm) Diameter Perforations (1 ft = 0.305 m)



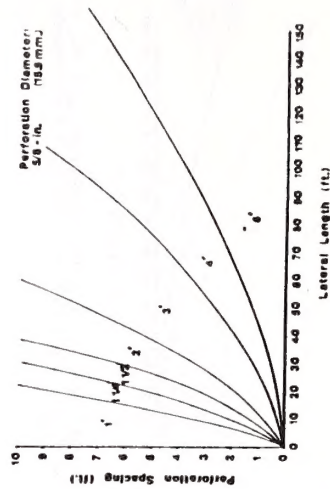
Minimum Lateral Diameter for Plastic Pipe ($C_p = 150$) Versus Perforation Spacing and Lateral Length for 9/16-in (14.3 mm) Diameter Perforations (1 ft = 0.305 m)

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS



Minimum Lateral Diameter for Plastic Pipe ($C_p = 150$) Versus Perforation Spacing and Lateral Length for 5/8-in (15.9 mm) Diameter Perforations (1 ft = 0.305 m)



Minimum Lateral Diameter for Plastic Pipe ($C_p = 150$) Versus Perforation Spacing and Lateral Length for 3/4-in (19.0 mm) Diameter Perforations (1 ft = 0.305 m)

(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration N

Exhibit C Perforation Discharge Rates vs Perforation Diameter

Perforation Discharge Rates in Gallons per Minute Versus Perforation Diameter and In-Line Pressure (1 in = 25.4 mm, 1 ft = 0.305 m, 1 gpm = 0.063 l/s)

In-Line Pressure (ft)	Perforation Diameter (in)					
	1/4	5/16	3/8	7/16	1/2	5/8
	-----gpm-----					
2.0	1.04	1.63	2.34	3.19	4.17	5.27
2.5	1.17	1.82	2.62	3.57	4.66	5.90
3.0	1.28	1.99	2.87	3.91	5.10	6.46
3.5	1.38	2.15	3.10	4.22	5.51	6.98
4.0	1.47	2.30	3.31	4.51	5.89	7.46
4.5	1.56	2.44	3.52	4.79	6.25	7.91
5.0	1.66	2.57	3.71	5.04	6.59	8.34
						10.29

(Source: Added at 14 Ill. Reg. _____, effective _____)

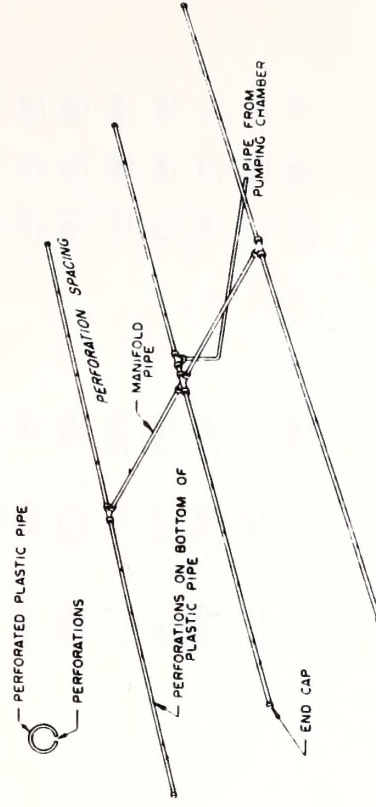
DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A

Illustration N

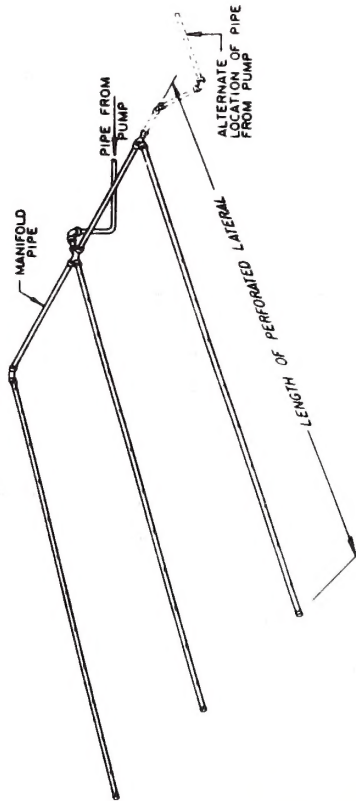
Exhibit G Pressure Distribution System-Center Manifold



(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

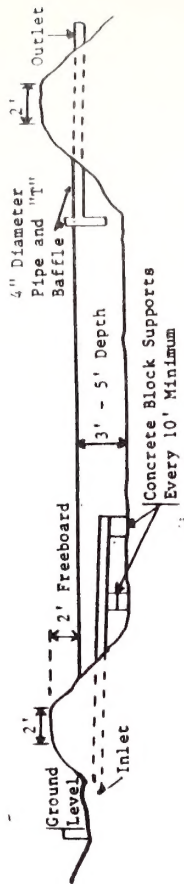
Section 905 Appendix A
Illustration N
Exhibit H Pressure Distribution System - End Manifold



(Source: Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

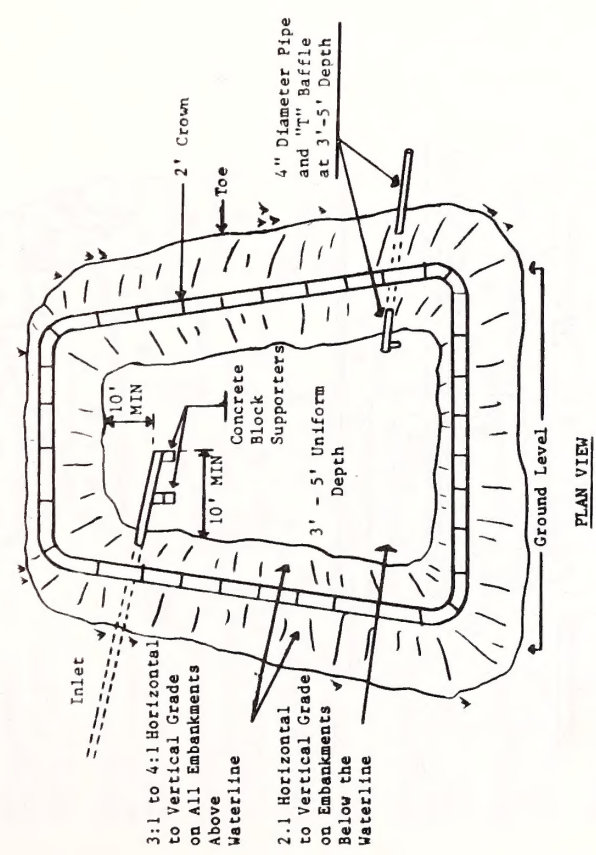
Section 905 Appendix A
Illustration R Waste Stabilization Pond
Exhibit B Section View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration R Waste Stabilization Pond
Exhibit A Plan View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

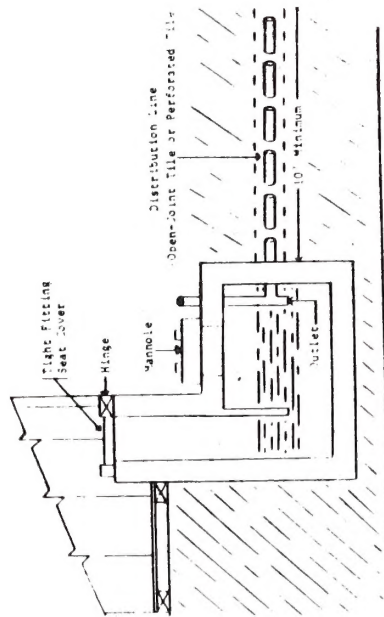
Section 905. Appendix A
Illustration R Waste Stabilization Pond
Exhibit C Lagoon Surface Area in Square Feet

Bedrooms	With Septic Tank			With Aeration		
	Depth - 3 ft.	4 ft.	5 ft.	3 ft.	4 ft.	5 ft.
1	533	1 1/3	400	320	160	120
2	1067	800	640	320	240	192
3	1600	1200	960	480	360	288
4	2133	1600	1280	640	480	384
5	2667	2000	1600	800	600	480
6	3200	2400	1920	960	720	576
7	3733	2800	2240	1120	840	672
8	4267	3200	2560	1280	960	768

(Source : Added at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

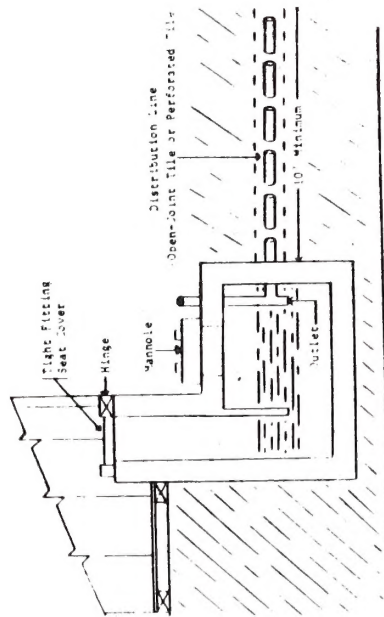
Section 905 Appendix A
Illustration U Septic Privy Distribution System
Exhibit B Section View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH
NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix A
Illustration U Septic Privy Distribution System
Exhibit B Section View



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PROPOSED AMENDMENTS

Section 905 Appendix B Telephone or Address Inquiries to the Regional Office

ILLINOIS DEPARTMENT OF PUBLIC HEALTH

TELEPHONE OR ADDRESS INQUIRIES TO THE
REGIONAL OFFICE SERVING YOUR
AREA

Region 1 - Rockford

Roger Ruden
4302 North Main Street
Rockford, IL 61103
(815) 987-7511

Region 2 - Peoria

Frank Alai
5415 North University
Peoria, IL 61614
(309) 693-5360

Region 3 - Springfield

Merle King
4500 S. Sixth Street Road
Springfield, IL 62706
(217) 786-6882

Region 4 - Edwardsville

Mike Hungerford
722 Kettler River Drive
Edwardsville, IL
62025
(618) 997-4371

Region 5 - Marion

Huel Teske
2309 West Main
Marion, IL 62959
(618) 997-4371

Region 6 - Champaign

Mark Kuechler
2125 South First Street
Champaign, IL 61820
(217) 333-6914

Region 7 - West Chicago

Joe O'Connor
245 W. Roosevelt Road., Bldg., 5
West Chicago, IL 60185
(708) 293-6800

Region 8 - Bellwood

Paul Levin
4212 West St. Charles Road
Bellwood, IL 60104
(708) 544-5300

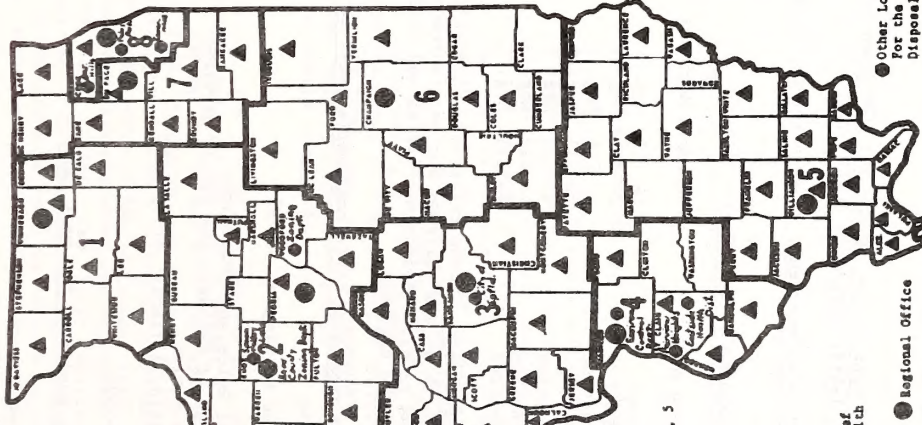
CENTRAL OFFICE - SPRINGFIELD

Clinton C. Hudgett, P.E., Chief
Division of Environmental Health
525 West Jefferson Street
Springfield, IL 62761
(217) 782-5830

● Regional Office

▲ Local Health Department Administering a Private Sewage Disposal Program

● Other Local Authority
for the Private Sewage
Disposal Program



(Source: Amended at 14 Ill. Reg. _____, effective _____)

DEPARTMENT OF CHILDREN AND FAMILY SERVICES

NOTICE OF ADOPTED AMENDMENTS

- 1) The Heading of the Part: Services Delivered by the Department
- 2) Code Citation: 89 Ill. Adm. Code 302
- 3) Section Numbers: Adopted Action
302.315 Amendment
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 23, par. 5005 et seq., Ill. Rev. Stat. 1989, ch. 37, par. 801-1 et seq., and Ill. Rev. Stat. 1989, ch. 40, par. 1501 et seq.
- 5) Effective Date of Amendments: September 25, 1990
- 6) Does this rulemaking contain an automatic repeal date: Yes ☐ No ☒
If so, please specify date:
- 7) Do these amendments contain incorporations by reference? No.
If "yes," was a copy of the approval form issued by JCAR attached to this rulemaking?
- 8) Date Filed in Agency's Principal Office: September 25, 1990
- 9) Notice(s) of Proposal Published in Illinois Register:
February 9, 1990, 14 Ill. Reg. 2205
(issue date)
- 10) Has JCAR issued a Statement of Objections to these rules? No.
If answer is "yes," please complete the following:
- 11) Difference(s) between proposal and final version:
Changed the Authority Note to include several additional statutory citations.
Centered Subpart C heading at Section 302.315 in the text.
Changed the first sentence of Section 302.315(b) (5) to read "recording specific non-identifying information about the biological parents as required by "AN ACT in relationship to the adoption of persons, and to appeal an act therein named" (Ill. Rev. Stat. 1988 Supp. ch. 40, par. 1522.4) in the case record."
Changed citation at Section 302.315(b) (7) from 89 Ill. Adm. Code 302.40 to Section 302.40.

DEPARTMENT OF CHILDREN AND FAMILY SERVICES

NOTICE OF ADOPTED AMENDMENTS

12) Have all the changes agreed upon by the agency and JC&R been made as indicated in the agreement letter issued by JC&R? Yes.

13) Will these amendments replace an emergency rules currently in effect?
No.

14) Are there any amendments pending on this Part?

Section Numbers	Proposed Action	Illinois Register Citation
302.20	Amendment	14 Ill. Reg. 1
302.40	Amendment	14 Ill. Reg. 1
302.500	New Section	14 Ill. Reg. 1
302.510	New Section	14 Ill. Reg. 1
302.520	New Section	14 Ill. Reg. 1
302.530	New Section	14 Ill. Reg. 1
302.540	New Section	14 Ill. Reg. 1

15) Summary and Purpose of amendments: These rules were amended to comply with Public Act 87-304, which allows children who were surrendered for adoption but never adopted to have their names listed and receive services through the Adoption Registry.

16) Information and questions regarding these amendments shall be directed to:

Name: Jacqueline Nottingham, Chief
Address: Office of Rules and Procedures
Department of Children and Family Services
406 East Monroe
Springfield, Illinois 62701-1498

Telephone: 217/785-2592

The full text of the adopted begins on the next page:

DEPARTMENT OF CHILDREN AND FAMILY SERVICES

NOTICE OF ADOPTED AMENDMENT(S)

TITLE 89: SOCIAL SERVICES
CHAPTER III: DEPARTMENT OF CHILDREN AND FAMILY SERVICES
SUBCHAPTER a: SERVICE DELIVERY

PART 302
SERVICES DELIVERED BY THE DEPARTMENT

SUBPART A: GENERAL PROVISIONS

Section	Purpose
302.10	Definitions
302.20	Introduction
302.30	Department Service Goals
302.40	Functions in Support of Services
302.50	

SUBPART B: REPORTS OF SUSPECTED CHILD ABUSE OR NEGLECT (RECODIFIED)

Section	
302.100	Reporting Child Abuse or Neglect to the Department (Recodified)
302.110	Content of Child Abuse or Neglect Reports (Recodified)
302.120	Transmittal of Child Abuse or Neglect Reports (Recodified)
302.130	Special Types of Reports (Recodified)
302.140	Referrals to the Local Law Enforcement Agency and State's Attorney (Recodified)

Section	
302.150	Delegation of the Investigation (Recodified)
302.160	The Investigative Process (Recodified)
302.170	Taking Children Into Temporary Protective Custody (Recodified)
302.180	Notification of the Determination Whether Child Abuse or Neglect Occurred (Recodified)
302.190	Referral for Other Services (Recodified)

SUBPART C: DEPARTMENT CHILD WELFARE SERVICES

Section	
302.300	Adoptive Placement Services
302.305	Adoption Listing Service for Special Needs Children
302.310	Adoption Assistance
302.311	Nonrecurring Adoption Expenses
302.315	Adoption Registry
302.320	Counseling or Casework Services
302.330	Day Care Services
302.340	Emergency Caretaker Services
302.350	Family Planning Services
302.360	Health Care Services
302.370	Homemaker Services
302.380	Information and Referral Services
302.390	Placement Services
302.400	Successor Guardianship

DEPARTMENT OF CHILDREN AND FAMILY SERVICES

NOTICE OF ADOPTED AMENDMENT(S)

Appendix A Acknowledgement of Mandated Reporter Status (Recodified)

AUTHORITY: Implementing and authorized by Section 5 et seq. of "AN ACT creating the Illinois Department of Children and Family Services, codifying its powers and duties, and repealing certain Acts and sections herein named" (Ill. Rev. Stat. 1987 and 1988 Supp., ch. 23, par. 5005 et seq.); Section 3-6-2(g) of the Unified Code of Corrections (Ill. Rev. Stat. 1987, ch. 38, par. 1003-6-2(g)); the Illinois Alcoholism and Dangerous Drug Dependency Act (Ill. Rev. Stat. 1987, ch. 111 1/2, pars. 6351-3 et seq.); the Adoption Assistance and Child Welfare Act of 1980 (42 U.S.C.A. 670 et seq. (1988 Supp.)); 45 CFR 1356.40 and 1356.41; Section 1-1 et seq. of the Juvenile Court Act of 1987 (Ill. Rev. Stat. 1987, ch. 37, pars. 801.1 et seq.); and "AN ACT in relation to the adoption of persons, and to repeal an act therein named" (Ill. Rev. Stat. 1987, ch. 40, par. 1501 et seq., as amended by Public Act 86-304, effective January 1, 1990).

SOURCE: Adopted and codified at 5 Ill. Reg. 13188, effective November 30, 1981; amended at 6 Ill. Reg. 15529, effective January 1, 1983; recodified at 8 Ill. Reg. 992; peremptory amendment at 8 Ill. Reg. 5373, effective April 12, 1984; amended at 8 Ill. Reg. 12143, effective July 9, 1984; amended at 9 Ill. Reg. 2467, effective March 1, 1985; amended at 9 Ill. Reg. 9104, effective June 14, 1985; amended at 9 Ill. Reg. 15820, effective November 1, 1985; amended at 10 Ill. Reg. 5557, effective April 15, 1986; amended at 11 Ill. Reg. 1390, effective January 13, 1987; amended at 11 Ill. Reg. 1551, effective January 14, 1987; amended at 11 Ill. Reg. 1829, effective January 15, 1987; recodified to 89 Ill. Adm. Code 300 at 11 Ill. Reg. 3492, Sections 302.20, 302.100, 302.110, 302.120, 302.130, 302.140, 302.150, 302.160, 302.170, 302.180, 302.190, Appendix A; amended at 13 Ill. Reg. 18847, effective November 15, 1989; amended at 14 Ill. Reg. 16430, effective September 25, 1990.

SUBPART C: DEPARTMENT CHILD WELFARE SERVICES

Section 302.315 Adoption Registry

a) Effective with the establishment of an Adoption Registry under the auspices of the Department of Public Health, the Department of Children and Family Services shall ensure the provision of specific Adoption Registry services.

b) The services shall consist of:

- 1) providing written notification describing the Adoption Registry process and services available to the biological parent or parents who wish to surrender a child for purposes of adoption, which describes the Adoption Registry; the process includes for recording their the parent(s)' names with the Adoption Registry, the procedures for sharing identifying information with the child who was surrendered for adoption, whether adopted or not, and the process for changing the decision to share or refuse to share identifying information;

DEPARTMENT OF CHILDREN AND FAMILY SERVICES

NOTICE OF ADOPTED AMENDMENT(S)

- 2) helping the biological parent or parents complete a written statement of intent when a child is voluntarily surrendered for purposes of adoption. The statement shall record:
 - A) the biological parent or parents' desire to have identifying information shared with the adopted child at a later date and a method for contacting the biological parent or parents; or
 - B) the biological parent or parents' desire not to have identifying information revealed; or
 - C) that no decision has been reached at this time;

- 3) helping the biological parent or parents record their names with the Adoption Registry for the purpose of sharing identifying information with their biological children who were surrendered for adoption;
- 4) helping the adopted or unadopted child, when the child has attained the age of 18, record his or her name with the Adoption Registry for the purpose of sharing identifying information with his or her biological parents;

- 5) recording specific non-identifying information about the biological parents as required by "AN ACT in relation to the adoption of persons, and to repeal an act therein named" (Ill. Rev. Stat. 1984 1988 Supp., ch. 40, par. 1522.4) in the case record. This information shall be given to the prospective adoptive parents when the child is placed for adoption and to the adopted or unadopted child, upon request, when the child has attained the age of 18; and

- 6) providing identifying information to mutually consenting parties when a written request is received by the Department of Children and Family Services. If there is an Information Exchange Authorization form on file with the Adoption Registry, this form also must permit the exchange of such information; and
- 7) other services as authorized by 89-III--Adm--Code Section 302.40.

(Source: Amended at 14 Ill. Reg. 16430, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Finished Water and Raw Water Quality and Quantity

2) Code Citation: 35 Ill. Adm. Code 604

3) Section Numbers:

604.101, 604.102, 604.103, 604.104, 604.105
 604.201, 604.202, 604.203
 604.204, 604.301, 604.302, 604.303
 604.401
 604.402, 604.403, 604.404
 604.405, 604.501, 604.502, 604. Appendix

Adopted Action:

Amendment
 Repealer
 Repealer
 Amendment
 Repealer
 Repealer

4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

5) Effective Date of Amendment: September 20, 1990

6) Does this rulemaking contain an automatic repeal date?: No.

7) Does this Amendment contain incorporations by reference? No.

8) Date filed in Board's Principal Office: Order adopted August 9, 1990

9) Notice of Proposal Published in Illinois Register:

December 1, 1989; 13 Ill. Reg. 18688

10) Has JCAR issued a Statement of Objections to these rules? No.

Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

11) Differences between proposal and final version:

Sections 604.101 through 604.105 and 604.401 will be retained. Supplies are required to comply with these Sections until the effective date of the filtration and disinfection rules in 35 Ill. Adm. Code 611, as applicable to that supply.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 17.5 of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

13) Will this Amendment replace an emergency Amendment currently in effect? No

14) Are there any other amendments pending on this Part? No.

15) Summary and Purpose of Amendments:

A complete description is contained in the Board's Opinion of August 9, 1990, in R88-26, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

In R88-26, the Board is replacing much of its existing public water supply regulations in 35 Ill. Adm. Code 604 through 607 with a new Part 611, which will be "identical in substance" with USEPA rules at 40 CFR 141, as amended through June 30, 1989. The term "identical in substance" is defined in Section 7.2 of the Environmental Protection Act.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
 Scientific/Technical Section
 Illinois Pollution Control Board
 104 W. University
 Urbana, IL 61801
 217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER 1: POLLUTION CONTROL BOARD

PART 604

FINISHED WATER AND RAW WATER QUALITY AND QUANTITY

SUBPART A: BACTERIOLOGICAL QUALITY

Section
604.101
604.102
604.103
604.104
604.105

Standard Sample
Total Coliform Limits
Total Coliform Check-Samples
Bacterial Plate Count Sample
Bacterial Plate Count Limits

SUBPART B: CHEMICAL AND PHYSICAL QUALITY

Section
604.201
604.202
604.203
604.204

Finished Water Quality (Repealed)
Contaminants and Maximum Allowable Concentrations (Repealed)
Exceptions to Maximum Allowable Concentrations (Repealed)
Action Pursuant to Exceedance of Maximum Allowable Concentration (Repealed)

SUBPART C: RADIOLOGICAL QUALITY

Section
604.301
604.302
604.303

Radium-226, -228, and Gross Alpha Particle Activity (Repealed)
Man-Made Radioactivity (Repealed)
Determining Maximum Allowable Concentrations (Repealed)

SUBPART D: CHLORINATION AND FLUORIDATION

Section
604.401
604.402
604.403
604.404
604.405

Chlorination Requirement
Chlorination Exemption Requirements (Repealed)
Conditions for Obtaining a Written Chlorination Exemption (Repealed)
Loss of Chlorination Exemption (Repealed)
Fluoridation Requirement (Repealed)

SUBPART E: RAW WATER

Section
604.501
604.502

Raw Water Quality (Repealed)
Raw Water Quantity (Repealed)

Appendix: References to Former Rules

AUTHORITY: Implementing Section 17 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat., 1987, ch. 111 1/2 pars. 1017 and 1027).

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SOURCE: Filed with Secretary of State January 1, 1978; amended at 2 Ill. Reg. 36, p. 72, effective August 29, 1978; amended at 3 Ill. Reg. 13, p. 236, effective March 30, 1979; amended and codified at 6 Ill. Reg. 11497, effective September 14, 1982; amended at 6 Ill. Reg. 14344, effective November 3, 1982; amended in R88-26 at 14 Ill. Reg. 16435, effective September 20, 1990.

SUBPART A: BACTERIOLOGICAL QUALITY

Section 604.101 Standard Sample

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply.

- For the membrane filter technique, not less than 100 milliliters.
- For the fermentation tube method, five standard portions of either ten milliliters or 100 milliliters.

(Source: Amended at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.102 Total Coliform Limits

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply. The number of organisms of the coliform group present in potable water, as indicated by representative samples examined, shall not exceed the following limits:

- When the membrane filter technique is used, arithmetic mean coliform density of all standard samples examined per month shall not exceed one per 100 milliliters. Coliform colonies per standard sample shall not exceed four per 100 milliliters in:
 - more than one standard sample when less than twenty are examined per month; or
 - more than five percent of the standard samples when twenty or more are examined per month.
- When ten-milliliter standard portions are examined by the fermentation tube method, not more than ten percent in any month shall show the presence of the coliform group. The presence of the coliform group in three or more ten-milliliter portions of a standard sample shall not be allowable if this occurs in:
 - more than one sample per month when less than twenty are examined per month; or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 2) more than five percent of the samples when twenty or more are examined per month.
- c) When 100-milliliter standard portions are examined by the fermentation tube method, not more than sixty percent in any month shall show the presence of the coliform group. The presence of the coliform group in five of the 100-milliliter portions of a standard sample shall not be allowable if this occurs in:
- 1) more than one sample per month when less than five are examined per month; or
 - 2) more than twenty percent of the samples when five or more are examined per month.

(Source: Amended at 14 Ill. Reg. 16435 effective September 20, 1990)

Section 604.103 Total Coliform Check-Samples

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply.

- a) When coliform densities exceed the limit established in Section 604.102, they may indicate a breakdown in the protective barriers and shall be cause for special follow-up action to locate and eliminate the cause of contamination.

- b) Check-samples may be taken at the discretion of the the Environmental Protection Agency (Agency) under the following conditions:

- 1) When coliform colonies in a single standard sample exceed four per 100 milliliters, as measured by the membrane filter technique, daily samples shall be promptly collected and examined from the same sampling point until the results obtained from at least two consecutive samples show less than one coliform per 100 milliliters.
- 2) When organisms of the coliform group occur in three or more of the ten-milliliter portions of a single standard sample (fermentation tube method), daily samples shall be promptly collected and examined from the same sampling point until the results obtained from at least two consecutive samples show no positive results.
- 3) When organisms of the coliform group occur in all five of the 100-milliliter portions of a single standard sample

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

(fermentation tube method), daily samples shall be promptly collected and examined from the same sampling point until the results obtained from at least two consecutive samples show no positive tubes.

- c) The sampling point required to be check-sampled may not be eliminated from future collections based on a history of questionable water quality. These check samples shall not be included in the total number of samples examined per month, nor shall the check samples be used as a basis for determining compliance with Section 604.103(b).

(Source: Amended at 14 Ill. Reg. 16435 effective September 20, 1990)

Section 604.104 Bacterial Plate Count Sample

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply. When bacterial plate counts are considered by the Agency to be necessary, the sample for the bacterial plate count using Standard Plate-Count Agar (35°C, 48 hours) shall consist of two portions of one milliliter and two portions of one-tenth milliliter.

(Source: Amended at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.105 Bacterial Plate Count Limits

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply.

- a) The maximum number for the bacterial plate count in the water distributed to the consumer is 500 organisms per one milliliter, based on arithmetic average of all samples examined in a calendar month. In determining compliance, these data shall be reported to two significant figures.
- b) When the average bacterial plate count is found to exceed 500 organisms per one milliliter, either in portions of the distribution network or in finished water reservoir storage, the Agency shall determine if these bacterial counts require further action to be taken to protect the water consumers. Upon such findings, prompt attention shall be directed by the owner toward finding the cause and taking appropriate action for correction.

(Source: Amended at 14 Ill. Reg. 16435 effective September 20, 1990)

SUBPART B: CHEMICAL AND PHYSICAL QUALITY

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section 604.201 Finished Water Quality (Repealed)

- a) The finished water shall contain no impurity in concentrations that may be hazardous to the health of the consumer or excessively corrosive or otherwise deleterious to the water supply. Drinking water shall contain no impurity which could reasonably be expected to cause offense to the sense of sight, taste, or smell.

b) Substances used in treatment should not remain in the water in concentrations greater than required by good practice. Substances which may have a deleterious physiological effect, or for which physiological effects are not known, shall not be used in a manner that would permit them to reach the consumer.

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.202 Contaminants and Maximum Allowable Concentrations (Repealed)

-The concentration of substances in the finished water shall not exceed the limits listed, except as provided in Section 604.203.

Substance	Reported As	Maximum Concentration mg/l
Arsenic	As	0.05
Barium	Ba	1
Cadmium	Cd	0.010
Chromium	Cr	0.05
Copper	Cu	5
Cyanide	CN	0.2
Fluoride	F	1.8
Iron	Fe	1.0
Lead	Pb	0.05
Manganese	Mn	0.15
Mercury	Hg	0.002
Nitrate-Nitrogen	N	10.
Organics		
Pesticides		
Chlorinated Hydrocarbon Insecticides		
Aldrin		0.001
Chlordane		0.003
DDT		0.05
Dieldrin		0.001
Endrin		0.0002
Heptachlor		0.0001

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Heptachlor Epoxide	0.0001
Lindane	0.004
Methoxychlor	0.1
Toxaphene	0.005
Chlorophenoxy Herbicides	
2,4-Dichlorophenoxyacetic acid (2,4-D)	0.01
2,4,5-Trichlorophenoxyacetic acid	0.01
(2,4,5-TP or Silvex)	
Total Trihalomethanes	0.10
Selenium	Se
Silver	Ag
Turbidity	NTU
Zinc	Zn

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.203 Exceptions to Maximum Allowable Concentrations

-The following supplementary conditions apply to the concentrations listed in Section 604.202.

- a) Fluoride: Those counties of the State north of and including the counties of Henderson, McDonough, Fulton, Tazewell, McLean, Ford and Iroquois shall have a maximum allowable fluoride concentration of 2.0 mg/l.

b) Iron and Manganese:

1) Community water supplies which serve a population of 1000 or less or 300 service connections or less shall be exempt from the standards for iron and manganese.

2) All other water supplies shall comply with these standards by July 1, 1981. Iron in excess of 1.0 mg/l and manganese in excess of 0.15 mg/l may be allowed at the discretion of the Agency if sequestration tried on an experimental basis proves to be effective. If sequestration is not effective, positive iron or manganese reduction treatment as applicable must be provided. No experimental use of a sequestering agent may be tried without previous Agency approval.

c) Nitrate-Nitrogen: The provisions of Section 604.204 notwithstanding, compliance with the maximum allowable concentration for nitrate shall be determined on the basis of the mean of two analyses. When a level exceeding the maximum allowable concentration for nitrate is found, a second analysis shall be initiated within 24 hours and if the mean of the two analyses exceeds the maximum allowable concentration, the owner or operator of the public water supply shall report his

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

findings to the Agency pursuant to 35 Ill. Adm. Code 606.102 and shall notify the public pursuant to 35 Ill. Adm. Code 606.

d) Total Trihalomethanes:

- 1) The average of total trihalomethanes concentration in the finished water of four samples of any four consecutive quarters per treatment plant or per aquifer shall not exceed the limit listed in Section 604.202.
- 2) Supplies serving 75,000 or more individuals shall comply with the total trihalomethanes standard listed in Section 604.202 by the effective date of these regulations. Supplies serving 10,000 to 74,999 individuals shall comply with this standard by November 5, 1983. This standard does not apply to supplies serving less than 10,000 individuals.
- 3) If the average of samples covering any twelve-month period exceeds the Maximum Allowable Concentration for Total trihalomethanes as listed in Section 604.202, the owner or operator of the supply shall notify the Agency pursuant to Section 606.102 and give notice to the public pursuant to Sections 606.201 - 606.205 of these Rules. Monitoring after public notification shall be at the frequency required by Section 606.104.

e) Turbidity:

- 1) Turbidity in drinking water shall not exceed one turbidity unit at the point where water enters the distribution system unless it can be demonstrated that a higher turbidity not exceeding 5 nephelometric turbidity units (NTU) does not:

- A) interfere with disinfection, or
- B) cause tastes and odors upon disinfection, or
- C) prevent the maintenance of an effective disinfection agent throughout the distribution system, or

- D) result in deposits in the distribution system, or

- E) cause customers to question the safety of their drinking water.

- 2) The provisions of Section 604.204 notwithstanding, if a turbidity measurement exceeds the maximum allowable concentration, a resample must be taken as soon as practicable,

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

and preferably within one hour. If the check-sample confirms that the standard has been exceeded, the Agency must be notified within 48 hours. The value of the check-sample shall be the value used in calculating the monthly average. If the monthly average of the daily samples taken in accordance with 35 Ill. Adm. Code 605.109 exceeds the maximum allowable concentration, or if the average of two samples taken on consecutive days exceeds 5 NTU, the owner or operator of the public water supply shall report to the Agency and notify the public as directed in 35 Ill. Adm. Code 606.

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.204 Action Pursuant to Exceedance of Maximum Allowable Concentration (Repealed)

-If the result of an analysis made pursuant to these Rules indicates that the level of any contaminant listed in Section 604.202 exceeds the maximum allowable concentration allowed by this subpart, the owner or operator of the supply shall:

- a) report to the Agency within seven days and initiate three additional analyses at the same sampling point within one month;

- b) notify the Agency and give notice to the public pursuant to 35 Ill. Adm. Code 606 when the average of four analyses rounded to the same number of significant figures as the maximum allowable concentration for the substance in question, exceeds the maximum allowable concentrations; and

- c) monitor, after public notification, at a frequency designated by the Agency and continue monitoring until the maximum allowable concentration has not been exceeded in two successive samples or until a monitoring schedule as a condition to a variance of enforcement action becomes effective.

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

SUBPART C: RADIOLOGICAL QUALITY

Section 604.301 Radium - 226, -228, and Gross Alpha Particle Activity (Repealed)

-The following are the maximum allowable concentrations for radium-226, radium-228, and gross alpha particle radioactivity in community water supplies:

- a) Combined radium-226 and radium-228: 5 pCi/l.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

b) Gross alpha particle activity (including radium-226, but excluding radon and uranium): 15 pCi/lr-

(Source: Repealed at 14 Ill. Reg.16435, effective September 20, 1990)

Section 604.302 Man-Made Radioactivity (Repealed)

-The following are the maximum allowable concentrations for beta particulate and photon radioactivity from man-made radionuclides in community water systems:

a) The average annual concentration of beta particulate and photon radioactivity from man-made radionuclides in drinking water shall not produce an annual dose equivalent to the total body of any internal organ greater than 4 millirem/year.

b) Except for the radionuclides listed in subsection (c), the concentration of man-made radionuclides causing 4 millirem total body of organ dose equivalents shall be calculated on the basis of a 2 liter per day drinking water intake using the 168 hour data listed in "Maximum Permissible Body Burdens and Maximum Permissible Concentration of Radionuclides in Air or Water for Occupational Exposure," National Bureau of Standards Handbook 69 as amended August 1963, U.S. Department of Commerce. If two or more radionuclides are present, the sum of their annual dose equivalent to the total body of to any organ shall not exceed 4 millirem/year.

c) Average Annual Concentrations Assumed to Produce A Total Body of Organ Dose of 4MREM/Yr.

Radionuclide	Critical Organ	pCi per liter
Strontium-90	Total Body	20,000
	Bone Marrow	8

(Source: Repealed at 14 Ill. Reg. 16435 effective September 20, 1990)

Section 604.303 Determining Maximum Allowable Concentrations (Repealed)

-To judge compliance with the maximum allowable concentrations listed in this subpart, averages of data shall be used and shall be rounded to the same number of significant figures as the maximum allowable concentration for the substance in question.-

(Source: Repealed at 14 Ill. Reg.16435, effective September 20, 1990)

SUBPART D: CHLORINATION AND FLUORIDATION

Section 604.401 Chlorination Requirement

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611.Subpart B as applicable to each supply. All supplies, except those community water supplies exempted ~~in this subpart~~ pursuant to Section 17(b) of the Environmental Protection Act (Ill. Rev. Stat. 1987, Ch. Ill 1/2, par. 1017(b)) shall chlorinate the water before it enters the distribution system.

a) All supplies which are required to chlorinate shall maintain residuals of free or combined chlorine at levels sufficient to provide adequate protection.

b) The Agency may set levels and promulgate procedures for chlorination.

- c) Supplies now in operation must comply with this rule immediately, except that community water supplies which were under the jurisdiction of the Illinois Department of Public Health prior to January 1, 1982, and which were not required to chlorinate under Public Health Rules and Regulations, must comply by January 1, 1983. Any supply which is now in compliance or reaches compliance before that date must continue in compliance thereafter.-

d) Those supplies having hand-pumped wells and no distribution system are exempted from the requirements of this subpart.

(Source: Amended at 14 Ill. Reg.16435, effective September 20, 1990)

Section 604.402 Chlorination Exemption Requirements (Repealed)

-A community water supply shall be exempt from the chlorination requirement provided:

a) The community water supply obtains all of its water from a supply under the jurisdiction of the Agency which does chlorinate and maintains records which demonstrate that the water in all active parts of its distribution system has an adequate chlorine residual; or

b) the community water supply has a written exemption from the requirement to chlorinate pursuant to Section 604.403.-

(Source: Repealed at 14 Ill. Reg16435 , effective September 20, 1990)

Section 604.403 Conditions for Obtaining a Written Chlorination Exemption (Repealed)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

-To obtain that exemption the community water supply must apply to the Agency in writing and meet all of the following conditions:

- a) Pumps not more than 100 gallons of water per capita per day, averaged annually;
- b) Has no more than three miles of distribution piping for delivery of water to consumers;
- c) Has as its only source of raw water one or more properly constructed wells into confined geological formations not subject to contamination;
- d) Has no history of persistent or recurring contamination, as indicated by sampling results which show violations of finished water quality requirements, for the most recent five-year period;
- e) Does not provide any raw water treatment other than fluoridation;
- f) Has an active program approved by the Agency to continually educate its consumers on preventing the entry of contaminants into the water system;
- g) Has a certified operator of the proper class, or if it is a public water supply which is exempt from having a certified operator, has a registered person in responsible charge of the operation of the supply; and
- h) Submits samples for bacteriological analysis in accordance with 35 Ill. Adm. Code 605.101(a) and (b).

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.404 Loss of Chlorination Exemption (Repealed)

-Any community water supply which fails to continuously meet the exemption conditions applicable to that supply shall lose its exemption, shall immediately start chlorinating and shall continue to do so until the requirements stated in Sections 604.402 or 604.403 are again met, and written Agency approval of the exemption application is again granted.

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

Section 604.405 Fluoridation Requirement (Repealed)

-All supplies which are required to add fluoride to the water shall maintain a fluoride ion concentration reported as F of 0.9 to 1.2 mg/l in its distribution system, as required by Section 7(a) of "An Act to provide for

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

safeguarding the public health by vesting certain measures of control and supervision in the Department of Public Health over Public Water Supplies in the State" approved and effective August 6, 1951, as amended (Ill. Rev. Stat. 1981, ch. 111 1/2, par. 121(g)(1)).

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

SUBPART E: RAW WATER

Section 604.501 Raw Water Quality (Repealed)

- a) Each supply must take its raw water from the best available source which is economically reasonable and technically possible;
- b) Use of recycled sewage treatment plant effluent on a routine basis shall not be permitted;
- c) The twelve-month running geometric means of fecal coliform and total coliform densities in raw water sources shall not exceed 2100 per 100 ml and 20,000 per 100 ml respectively, without specific approval of the Agency;
- d) Each owner or operator of a supply owning and/or controlling a supply's water source shall take all reasonable actions for the protection of that source from contamination;
- e) Each community water supply exempted from the chlorination requirement pursuant to Section 604.403 shall obtain water only from wells drilled into confined geologic formations not subject to contamination.

(Source: Repealed at 14 Ill. Reg. 16435 effective September 20, 1990)

Section 604.502 Raw Water Quantity (Repealed)

- a) Surface Supply - The quantity of surface water at the source shall be adequate to supply the total water demand of a community from that source, as well as a reasonable surplus for anticipated growth;
- b) Groundwater Supply - The quantity of ground water from the source of supply shall be adequate to supply the total water demand of that public water supply, as well as a reasonable surplus for anticipated growth, without excessive depletion of the aquifer.

- e) In determining adequacy of supply for compliance with this Section, each individual source of supply shall be considered in relation to the percentage of the total requirements it is expected to provide.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

APPENDIX References to Former Rules (Repealed)

The following table is provided to aid in referencing former Board rule numbers to section numbers pursuant to codification.

Chapter 6: Public Water Supplies 35 Ill. Adm. Code
Part 11: Operation and Maintenance Part 604

Rule 304(A)(1)	Section 604.101
Rule 304(A)(2)	Section 604.102
Rule 304(A)(3)	Section 604.103
Rule 304(A)(4)	Section 604.104
Rule 304(A)(5)	Section 604.105
Rule 304(B)	Section 604.201
Rule 304 (Table I)	Section 604.202
Rule 304 (Table I Notes)	Section 604.203
Rule 304(B)(3)	Section 604.204
Rule 304(B)(4)	Section 604.301
Rule 304(B)(5) and Table II	Section 604.302
Rule 304(B)(6)	Section 604.303
Rule 304(B)(7)	Section 604.401
Rule 305	Section 604.402
New	Section 604.403
New	Section 604.404
Rule 306	Section 604.405
Rule 307	Section 604.501
Rule 308	Section 604.502-

(Source: Repealed at 14 Ill. Reg. 16435, effective September 20, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL
- 2) Code Citation: 35 Ill. Adm. Code 720
- 3) Section Numbers: Adopted Action:
720.110 Amendment
720.111 Amendment
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.
- 5) Effective Date of Amendments: September 25, 1990
- 6) Does this rulemaking contain an automatic repeal date?: No.
- 7) Does this Amendment contain incorporations by reference?

Yes. Section 720.111 incorporates by reference: rules and regulations of federal agencies; rules, regulations, standards and guidelines of a nationally recognized organization or association; and guidelines and standards of federal agencies. Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act does not apply.

- 8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 1990

- 9) Notice of Proposal Published in Illinois Register:

June 22, 1990; 14 Ill. Reg. 9706

- 10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

- 11) Differences between proposal and final version:

Minor editorial differences.

- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

13) Will this Amendment replace an emergency Amendment currently in effect?
No.

14) Are there any other amendments pending on this Part? Yes. In R89-11 and R90-17:

Section Numbers	Proposed Action	Illinois Register Citation
720.111	Amendment	Mar. 2, 1990; 14 Ill. Reg. 3006
720.111	Amendment	Aug. 31, 1990; 14 Ill. Reg. 13925
720.120	Amendment	Aug. 31, 1990; 14 Ill. Reg. 13925
720.122	Amendment	Aug. 31, 1990; 14 Ill. Reg. 13925

15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below.
Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking amends the definition of "Designated facility" and updates the incorporation by reference for "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods."

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE G: WASTE DISPOSAL
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 720

HAZARDOUS WASTE MANAGEMENT SYSTEM: GENERAL

SUBPART A: GENERAL PROVISIONS

Section	Purpose, Scope and Applicability
720.101	Availability of Information; Confidentiality of Information
720.102	Use of Number and Gender
720.103	

SUBPART B: DEFINITIONS

Section	Definitions
720.110	References
720.111	

SUBPART C: RULEMAKING PETITIONS AND OTHER PROCEDURES

Section	Rulemaking
720.120	Alternative Equivalent Testing Methods
720.121	Waste Delisting
720.122	Procedures for Solid Waste Determinations
720.130	Solid Waste Determinations
720.131	Boiler Determinations
720.132	Procedures for Determinations
720.133	Additional regulation of certain hazardous waste Recycling
720.140	Activities on a case-by-case Basis
720.141	Procedures for case-by-case regulation of hazardous waste Recycling
	Activities

Appendix A Overview of 40 CFR, Subtitle C Regulations

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R81-22, 43 PCB 427, at 5 Ill. Reg. 9781, effective as noted in 35 Ill. Adm. Code 700.106; amended and codified in R81-22, 45 PCB 317, at 6 Ill. Reg. 4828, effective as noted in 35 Ill. Adm. Code 700.106; amended in R82-19 at 7 Ill. Reg. 14015, effective Oct. 12, 1983; amended in R84-9, 53 PCB 131 at 9 Ill. Reg. 11819, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 968, effective January 2, 1986; amended in R86-1 at 10 Ill. Reg. 13998, effective August 12, 1986; amended in R86-19 at 10 Ill. Reg. 20630, effective December 2, 1986; amended in R86-28 at 11 Ill. Reg. 6017, effective March 24, 1987; amended in R86-46 at 11 Ill. Reg. 13435, effective

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

August 4, 1987; amended in R87-5 at 11 Ill. Reg. 19280, effective November 12, 1987; amended in R87-26 at 12 Ill. Reg. 2450, effective January 15, 1988; amended in R87-39 at 12 Ill. Reg. 12999, effective July 29, 1988; amended in R88-16 at 13 Ill. Reg. 362, effective December 27, 1988; amended in R89-1 at 13 Ill. Reg. 18278, effective November 13, 1989; amended in R89-2 at 14 Ill. Reg. 3075, effective February 20, 1990; amended in R89-9 at 14 Ill. Reg. 6225, effective April 16, 1990; amended in R90-10 at 14 Ill. Reg. 16450, effective September 25, 1990.

SUBPART B: DEFINITIONS

Section 720.110 Definitions

When used in 35 Ill. Adm. Code 720 through 725 and 728 only, the following terms have the meanings given below:

"Aboveground tank" means a device meeting the definition of "tank" that is situated in such a way that the entire surface area of the tank is completely above the plane of the adjacent surrounding surface and the entire surface area of the tank (including the tank bottom) is able to be visually inspected.

"Act" or "RCRA" means the Solid Waste Disposal Act, as amended by the Resource Conservation and Recovery Act of 1976, as amended (42 U.S.C. 6901 et seq.).

"Active life" of a facility means the period from the initial receipt of hazardous waste at the facility until the Agency receives certification of final closure.

"Active portion" means that portion of a facility where treatment, storage or disposal operations are being or have been conducted after May 19, 1980, and which is not a closed portion. (See also "closed portion" and "inactive portion".)

"Administrator" means the Administrator of the U.S. Environmental Protection Agency or the Administrator's designee.

"Agency" means the Illinois Environmental Protection Agency.

"Ancillary equipment" means any device including, but not limited to, such devices as piping, fittings, flanges, valves and pumps, that is used to distribute, meter or control the flow of hazardous waste from its point of generation to storage or treatment tank(s), between hazardous waste storage and treatment tanks to a point of disposal onsite, or to a point of shipment for disposal off-site.

"Aquifer" means a geologic formation, group of formations or part of

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

a formation capable of yielding a significant amount of groundwater to wells or springs.

"Authorized representative" means the person responsible for the overall operation of a facility or an operational unit (i.e., part of a facility), e.g., the plant manager, superintendent or person of equivalent responsibility.

"Board" means the Illinois Pollution Control Board.

"Boiler" means an enclosed device using controlled flame combustion and having the following characteristics:

The unit must have physical provisions for recovering and exporting thermal energy in the form of steam, heated fluids or heated gases; and the unit's combustion chamber and primary energy recovery section(s) must be of integral design. To be of integral design, the combustion chamber and the primary energy recovery section(s) (such as waterwalls and superheaters) must be physically formed into one manufactured or assembled unit. A unit in which the combustion chamber and the primary energy recovery section(s) are joined only by ducts or connections carrying flue gas is not integrally designed; however, secondary energy recovery equipment (such as economizers or air preheaters) need not be physically formed into the same unit as the combustion chamber and the primary energy recovery section. The following units are not precluded from being boilers solely because they are not of integral design: process heaters (units that transfer energy directly to a process stream), and fluidized bed combustion units; and

While in operation, the unit must maintain a thermal energy recovery efficiency of at least 60 percent, calculated in terms of the recovered energy compared with the thermal value of the fuel; and

The unit must export and utilize at least 75 percent of the recovered energy, calculated on an annual basis. In this calculation, no credit shall be given for recovered heat used internally in the same unit. (Examples of internal use are the preheating of fuel or combustion air, and the driving of induced or forced draft fans or feedwater pumps); or

The unit is one which the Board has determined, on a case-by-case basis, to be a boiler, after considering the standards in Section 720.132.

"Certification" means a statement of professional opinion based upon

POLLUTION CONTROL BOARD

90

NOTICE OF ADOPTED AMENDMENTS

NOTICE OF ADOPTED AMENDMENTS

knowledge and belief.

"Closed Portion" means that portion of a facility which an owner or operator has closed in accordance with the approved facility closure plan and all applicable closure requirements. (See also "active portion" and "inactive portion".)

"Component" means either the tank or ancillary equipment of a tank system.

"Confined aquifer" means an aquifer bounded above and below by impermeable beds or by beds of distinctly lower permeability than that of the aquifer itself; an aquifer containing confined groundwater.

"Container" means any portable device in which a material is stored, transported, treated, disposed of or otherwise handled.

"Contingency plan" means a document setting out an organized, planned and coordinated course of action to be followed in case of a fire, explosion or release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

"Corrosion expert" means a person who, by reason of knowledge of the physical sciences and the principles of engineering and mathematics, acquired by a professional education and related practical experience, is qualified to engage in the practice of corrosion control on buried or submerged metal piping systems and metal tanks. Such a person must be certified as being qualified by the National Association of Corrosion Engineers (NACE) or be a registered professional engineer who has certification or licensing that includes education and experience in corrosion control on buried or submerged metal piping systems and metal tanks.

"Designated facility".

"Designated facility" means a hazardous waste treatment, storage or disposal facility,

-w-Which:

Has received a RCRA permit (or interim status) pursuant to 35 Ill. Adm. Code 702, 703 and 705;

Has received a RCRA permit from USEPA pursuant to 40 CFR 124 and 270 (1989);

Has received a RCRA permit from a state authorized by

POLLUTION CONTROL BOARD

90

NOTICE OF ADOPTED AMENDMENTS

USEPA pursuant to 40 CFR 271 (1989); or

Is regulated under 35 Ill. Adm. Code 721.106(c)(2) or 266, Subpart F; and

Which has been designated on the manifest by the generator pursuant to 35 Ill. Adm. Code 722.120.

If a waste is destined to a facility in a state, other than Illinois, which has been authorized by USEPA pursuant to 40 CFR 271, but which has not yet obtained authorization to regulate that waste as hazardous, then the designated facility must be a facility allowed by the receiving state to accept such waste.

"Dike" means an embankment or ridge of either natural or manmade materials used to prevent the movement of liquids, sludges, solids or other materials.

"Director" means the Director of the Illinois Environmental Protection Agency.

"Discharge" or "hazardous waste discharge" means the accidental or intentional spilling, leaking, pumping, pouring, emitting, emptying or dumping of hazardous waste into or on any land or water.

"Disposal" means the discharge, deposit, injection, dumping, spilling, leaking or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including groundwaters.

"Disposal facility" means a facility or part of a facility at which hazardous waste is intentionally placed into or on any land or water and at which waste will remain after closure.

"Elementary neutralization unit" means a device which:

Is used for neutralizing wastes which are hazardous only because they exhibit the corrosivity characteristic defined in 35 Ill. Adm. Code 721.122 or are listed in 35 Ill. Adm. Code 721. Subpart D only for this reason; and

Meets the definition of tank, tank system, container, transport vehicle or vessel in this Section.

"EPA" or "USEPA" means United States Environmental Protection Agency.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"EPA hazardous waste number" or "USEPA hazardous waste number" means the number assigned by EPA to each hazardous waste listed in 35 Ill. Adm. Code 721. Subpart D and to each characteristic identified in 35 Ill. Adm. Code 721. Subpart C.

"EPA identification number" or "USEPA identification number" means the number assigned by USEPA pursuant to 35 Ill. Adm. Code 722 through 725 to each generator, transporter and treatment, storage or disposal facility.

"EPA region" means the states and territories found in any one of the following ten regions:

Region I: Maine, Vermont, New Hampshire, Massachusetts, Connecticut and Rhode Island

Region II: New York, New Jersey, Commonwealth of Puerto Rico and the U.S. Virgin Islands

Region III: Pennsylvania, Delaware, Maryland, West Virginia, Virginia and the District of Columbia

Region IV: Kentucky, Tennessee, North Carolina, Mississippi, Alabama, Georgia, South Carolina and Florida

Region V: Minnesota, Wisconsin, Illinois, Michigan, Indiana and Ohio

Region VI: New Mexico, Oklahoma, Arkansas, Louisiana and Texas

Region VII: Nebraska, Kansas, Missouri and Iowa

Region VIII: Montana, Wyoming, North Dakota, South Dakota, Utah and Colorado

Region IX: California, Nevada, Arizona, Hawaii, Guam, American Samoa and Commonwealth of the Northern Mariana Islands

Region X: Washington, Oregon, Idaho and Alaska

"Equivalent method" means any testing or analytical method approved by the Board pursuant to Section 720.120.

"Existing hazardous waste management (HWM) facility" or "existing facility" means a facility which was in operation or for which construction commenced on or before November 19, 1980. A facility had commenced construction if the owner or operator had obtained the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

federal, state and local approvals or permits necessary to begin physical construction and either

A continuous on-site, physical construction program had begun or the owner or operator had entered into contractual obligations -- which could not be cancelled or modified without substantial loss -- for physical construction of the facility to be completed within a reasonable time.

"Existing portion" means that land surface area of an existing waste management unit, included in the original Part A permit application, on which wastes have been placed prior to the issuance of a permit.

"Existing tank system" or "existing component" means a tank system or component that is used for the storage or treatment of hazardous waste and that is in operation, or for which installation has commenced on or prior to July 14, 1986. Installation will be considered to have commenced if the owner or operator has obtained all federal, state and local approvals or permits necessary to begin physical construction of the site or installation of the tank system and if either

A continuous on-site physical construction or installation program has begun; or

The owner or operator has entered into contractual obligations -- which cannot be canceled or modified without substantial loss -- for physical construction of the site or installation of the tank system to be completed within a reasonable time.

"Facility" means all contiguous land and structures, other appurtenances and improvements on the land used for treating, storing or disposing of hazardous waste. A facility may consist of several treatment, storage or disposal operational units (e.g., one or more landfills, surface impoundments or combinations of them).

"Final closure" means the closure of all hazardous waste management units at the facility in accordance with all applicable closure requirements so that hazardous waste management activities under 35 Ill. Adm. Code 724 and 725 are no longer conducted at the facility unless subject to the provisions of 35 Ill. Adm. Code 722.134.

"Federal agency" means any department, agency or other instrumentality of the federal government, any independent agency or establishment of the federal government including any government corporation and the Government Printing Office.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"Federal, state and local approvals or permits necessary to begin physical construction" means permits and approvals required under federal, state or local hazardous waste control statutes, regulations or ordinances.

"Food-chain crops" means tobacco, crops grown for human consumption and crops grown for feed for animals whose products are consumed by humans.

"Freeboard" means the vertical distance between the top of a tank or surface impoundment dike and the surface of the waste contained therein.

"Free liquids" means liquids which readily separate from the solid portion of a waste under ambient temperature and pressure.

"Generator" means any person, by site, whose act or process produce hazardous waste identified or listed in 35 Ill. Adm. Code 721 or whose act first causes a hazardous waste to become subject to regulation.

"Groundwater" means water below the land surface in a zone of saturation.

"Hazardous waste" means a hazardous waste as defined in 35 Ill. Adm. Code 721.103.

"Hazardous waste constituent" means a constituent which caused the hazardous waste to be listed in 35 Ill. Adm. Code 721. Subpart D, or a constituent listed in 35 Ill. Adm. Code 721.124.

"Hazardous waste management unit" is a contiguous area of land on or in which hazardous waste is placed, or the largest area in which there is significant likelihood of mixing hazardous waste constituents in the same area. Examples of hazardous waste management units include a surface impoundment, a waste pile, a land treatment area, a landfill cell, an incinerator, a tank and its associated piping and underlying containment system and a container storage area. A container alone does not constitute a unit; the unit includes containers and the land or pad upon which they are placed.

"Inactive portion" means that portion of a facility which is not operated after November 19, 1980. (See also "active portion" and "closed portion".)

"Incinerator" means any enclosed device using controlled flame combustion which is neither a "boiler" nor an "industrial furnace".

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"Incompatible waste" means a hazardous waste which is suitable for:

Placement in a particular device or facility because it may cause corrosion or decay of containment materials (e.g., container inner liners or tank walls); or

Commingling with another waste or material under uncontrolled conditions because the commingling might produce heat or pressure, fire or explosion, violent reaction, toxic dusts, mists, fumes or gases or flammable fumes or gases.

(See 35 Ill. Adm. Code 725. Appendix E for examples.)

"Industrial furnace" means any of the following enclosed devices that are integral components of manufacturing processes and that use controlled flame devices to accomplish recovery of materials or energy:

Cement kilns

Lime kilns

Aggregate kilns

Phosphate kilns

Coke ovens

Blast furnaces

Smelting, melting and refining furnaces (including pyrometallurgical devices such as cupolas, reverberator furnaces, sintering machines, roasters and foundry furnaces)

Titanium dioxide chloride process oxidation reactors

Methane reforming furnaces

Pulping liquor recovery furnaces

Combustion devices used in the recovery of sulfur values from spent sulfuric acid

Any other such device as the Agency determines to be an "Industrial Furnace" on the basis of one or more of the following factors:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

The design and use of the device primarily to accomplish recovery of material products;

The use of the device to burn or reduce raw materials to make a material product;

The use of the device to burn or reduce secondary materials as effective substitutes for raw materials, in processes using raw materials as principal feedstocks;

The use of the device to burn or reduce secondary materials as ingredients in an industrial process to make a material product;

The use of the device in common industrial practice to produce a material product; and

Other relevant factors.

"Individual generation site" means the contiguous site at or on which one or more hazardous wastes are generated. An individual generation site, such as a large manufacturing plant, may have one or more sources of hazardous waste but is considered a single or individual generation site if the site or property is contiguous.

"Inground tank" means a device meeting the definition of "tank" whereby a portion of the tank wall is situated to any degree within the ground, thereby preventing visual inspection of that external surface area of the tank that is in the ground.

"In operation" refers to a facility which is treating, storing or disposing of hazardous waste.

"Injection well" means a well into which fluids are being injected. (See also "underground injection".)

"Inner liner" means a continuous layer of material placed inside a tank or container which protects the construction materials of the tank or container from the contained waste or reagents used to treat the waste.

"Installation inspector" means a person who, by reason of knowledge of the physical sciences and the principles of engineering, acquired by a professional education and related practical experience, is qualified to supervise the installation of tank systems.

"International shipment" means the transportation of hazardous waste into or out of the jurisdiction of the United States.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"Land treatment facility" means a facility or part of a facility at which hazardous waste is applied onto or incorporated into the soil surface; such facilities are disposal facilities if the waste will remain after closure.

"Landfill" means a disposal facility or part of a facility where hazardous waste is placed in or on land and which is not a pile, a land treatment facility, a surface impoundment, an underground injection well, a salt dome formation, an underground mine or a cave.

"Landfill cell" means a discrete volume of a hazardous waste landfill which uses a liner to provide isolation of wastes from adjacent cells or wastes. Examples of landfill cells are trenches and pits.

"Leachate" means any liquid, including any suspended components in the liquid, that has percolated through or drained from hazardous waste.

"Liner" means a continuous layer of natural or manmade materials beneath or on the sides of a surface impoundment, landfill or landfill cell, which restricts the downward or lateral escape of hazardous waste, hazardous waste constituents or leachate.

"Leak-detection system" means a system capable of detecting the failure of either the primary or secondary containment structure or the presence of a release of hazardous waste or accumulated liquid in the secondary containment structure. Such a system must employ operational controls (e.g., daily visual inspections for releases into the secondary containment system of aboveground tanks) or consist of an interstitial monitoring device designed to detect continuously and automatically the failure of the primary or secondary containment structure or the presence of a release of hazardous waste into the secondary containment structure.

"Management" or "hazardous waste management" means the systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery and disposal of hazardous waste.

"Manifest" means the shipping document originated and signed by the generator which contains the information required by 35 Ill. Adm. Code 722.Subpart B.

"Manifest document number" means the USEPA twelve digit identification number assigned to the generator plus a unique five digit document number assigned to the manifest by the generator for recording and reporting purposes.

NOTICE OF ADOPTED AMENDMENTS

"Mining overburden returned to the mine site" means any material overlying an economic mineral deposit which is removed to gain access to that deposit and is then used for reclamation of a surface mine.

"Miscellaneous unit" means a hazardous waste management unit where hazardous waste is treated, stored or disposed of and which is not a container, tank, tank system, surface impoundment, pile, land treatment unit, landfill, incinerator, boiler, industrial furnace, underground injection well with appropriate technical standards under 35 Ill. Adm. Code 730, or a unit eligible for a research, development and demonstration permit under 35 Ill. Adm. Code 703.231.

"Movement" means that hazardous waste transported to a facility in an individual vehicle.

"New hazardous waste management facility" or "new facility" means a facility which began operation, or for which construction commenced, after November 19, 1980. (See also "Existing hazardous waste management facility".)

"New tank system" or "new tank component" means a tank system or component that will be used for the storage or treatment of hazardous waste and for which installation commenced after July 14, 1986; except, however, for purposes of 35 Ill. Adm. Code 724.293(g)(2) and 725.293(g)(2), a new tank system is one for which construction commences after July 14, 1986. (See also "existing tank system".)

"Onground tank" means a device meeting the definition of "tank" that is situated in such a way that the bottom of the tank is on the same level as the adjacent surrounding surfaces so that the external tank bottom cannot be visually inspected.

"On-site" means the same or geographically contiguous property which may be divided by public or private right-of-way, provided the entrance and exit between the properties is at a crossroads intersection and access is by crossing as opposed to going along the right-of-way. Noncontiguous properties owned by the same person but connected by a right-of-way which he controls and to which the public does not have access is also considered on-site property.

"Open burning" means the combustion of any material without the following characteristics:

Control of combustion air to maintain adequate temperature for efficient combustion;

Containment of the combustion reaction in an enclosed device to

NOTICE OF ADOPTED AMENDMENTS

provide sufficient residence time and mixing for complete combustion; and

Control of emission of the gaseous combustion products.

(See also "incineration" and "thermal treatment".)

"Operator" means the person responsible for the overall operation of a facility.

"Owner" means the person who owns a facility or part of a facility.

"Partial closure" means the closure of a hazardous waste management unit in accordance with the applicable closure requirements of 35 Ill. Adm. Code 724 or 725 at a facility which contains other active hazardous waste management units. For example, partial closure may include the closure of a tank (including its associated piping and underlying containment systems), landfill cell, surface impoundment, waste pile or other hazardous waste management unit, while other units of the same facility continue to operate.

"Person" means an individual, trust, firm, joint stock company, federal agency, corporation (including a government corporation), partnership, association, state, municipality, commission, political subdivision of a state or any interstate body.

"Personnel" or "facility personnel" means all persons who work at or oversee the operations of a hazardous waste facility and whose actions or failure to act may result in noncompliance with the requirements of 35 Ill. Adm. Code 724 or 725.

"Pile" means any noncontainerized accumulation of solid, non-flowing hazardous waste that is used for treatment or storage.

"Point source" means any discernible, confined and discrete conveyance including, but not limited to, any pipe, ditch, channel, tunnel, conduit, well, discrete fissure, container, rolling stock, concentrated animal feeding operation or vessel or other floating craft from which pollutants are or may be discharged. This term does not include return flows from irrigated agriculture.

"Publicly owned treatment works" or "POTW" is as defined in 35 Ill. Adm. Code 310.110.

"Regional Administrator" means the Regional Administrator for the EPA Region in which the facility is located or the Regional Administrator's designee.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"Representative sample" means a sample of a universe or whole (e.g., waste pile, lagoon, groundwater) which can be expected to exhibit the average properties of the universe or whole.

"Runoff" means any rainwater, leachate or other liquid that drains over land from any part of a facility.

"Runon" means any rainwater, leachate or other liquid that drains over land onto any part of a facility.

"Saturated zone" or "zone of saturation" means that part of the earth's crust in which all voids are filled with water.

"SIC Code" means Standard Industrial Code as defined in Standard Industrial Classification Manual, incorporated by reference in Section 720.111.

"Sludge" means any solid, semi-solid or liquid waste generated from a municipal, commercial or industrial wastewater treatment plant, water supply treatment plant or air pollution control facility exclusive of the treated effluent from a wastewater treatment plant.

"Small Quantity Generator" means a generator which generates less than 1000 kg of hazardous waste in a calendar month.

"Solid waste" means a solid waste as defined in 35 Ill. Adm. Code 721.102.

"Sump" means any pit or reservoir that meets the definition of tank and those troughs or trenches connected to it that serve to collect hazardous waste for transport to hazardous waste storage, treatment or disposal facilities.

"State" means any of the several states, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa and the Commonwealth of the Northern Mariana Islands.

"Storage" means the holding of hazardous waste for a temporary period, at the end of which the hazardous waste is treated, disposed of or stored elsewhere.

"Surface impoundment" or "impoundment" means a facility or part of a facility which is a natural topographic depression, manmade excavation or diked area formed primarily of earthen materials (although it may be lined with manmade materials) which is designed to hold an accumulation of liquid wastes or wastes containing free liquids and which is not an injection well. Examples of surface impoundments are holding, storage, settling and aeration pits, ponds

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

and lagoons.

"Tank" means a stationary device, designed to contain an accumulation of hazardous waste which is constructed primarily of nonearthen materials (e.g., wood, concrete, steel, plastic) which provide structural support.

"Tank system" means a hazardous waste storage or treatment tank and its associated ancillary equipment and containment system.

"Thermal treatment" means the treatment of hazardous waste in a device which uses elevated temperatures as the primary means to change the chemical, physical or biological character or composition of the hazardous waste. Examples of thermal treatment processes are incineration, molten salt, pyrolysis, calcination, wet air oxidation and microwave discharge. (See also "incinerator" and "open burning".)

"Totally enclosed treatment facility" means a facility for the treatment of hazardous waste which is directly connected to an industrial production process and which is constructed and operated in a manner which prevents the release of any hazardous waste or any constituent thereof into the environment during treatment. An example is a pipe in which waste acid is neutralized.

"Transfer facility" means any transportation related facility including loading docks, parking areas, storage areas and other similar areas where shipments of hazardous waste are held during the normal course of transportation.

"Transport vehicle" means a motor vehicle or rail car used for the transportation of cargo by any mode. Each cargo-carrying body (trailer, railroad freight car, etc.) is a separate transport vehicle.

"Transportation" means the movement of hazardous waste by air, rail, highway or water.

"Transporter" means a person engaged in the off-site transportation of hazardous waste by air, rail, highway or water.

"Treatability study" means:

A study in which a hazardous waste is subjected to a treatment process to determine:

Whether the waste is amenable to the treatment process.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

What pretreatment (if any) is required.

The optimal process conditions needed to achieve the desired treatment.

The efficiency of a treatment process for a specific waste or wastes. Or,

The characteristics and volumes of residuals from a particular treatment process.

Also included in this definition for the purpose of 35 Ill. Adm. Code 721.104(e) and (f) exemptions are liner compatibility, corrosion and other material compatibility studies and toxicological and health effects studies. A "treatability study" is not a means to commercially treat or dispose of hazardous waste.

"Treatment" means any method, technique or process, including neutralization, designed to change the physical, chemical or biological character or composition of any hazardous waste so as to neutralize such waste, or so as to recover energy or material resources from the waste or so as to render such waste non-hazardous or less hazardous; safer to transport, store or dispose of; or amenable for recovery, amenable for storage or reduced in volume.

"Treatment zone" means a soil area of the unsaturated zone of a land treatment unit within which hazardous constituents are degraded, transformed or immobilized.

"Underground injection" means the subsurface emplacement of fluids through a bored, drilled or driven well; or through a dug well, where the depth of the dug well is greater than the largest surface dimension. (See also "injection well".)

"Underground tank" means a device meeting the definition of "tank" whose entire surface area is totally below the surface of and covered by the ground.

"Unfit-for-use tank system" means a tank system that has been determined through an integrity assessment or other inspection to be no longer capable of storing or treating hazardous waste without posing a threat of release of hazardous waste to the environment.

"Uppermost aquifer" means the geologic formation nearest the natural ground surface that is an aquifer, as well as lower aquifers that are hydraulically interconnected with this aquifer within the facility's property boundary.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

"United States" means the 50 States, the District of Columbia, the Commonwealth of Puerto Rico, the U.S. Virgin Islands, Guam, American Samoa and the Commonwealth of the Northern Mariana Islands.

"Unsaturated zone" or "zone of aeration" means the zone between the land surface and the water table.

"USEPA" means United States Environmental Protection Agency.

"Vessel" includes every description of watercraft, used or capable of being used as a means of transportation on the water.

"Wastewater treatment unit" means a device which:

Is part of a wastewater treatment facility which has an NPDES permit pursuant to 35 Ill. Adm. Code 309 or a pretreatment permit or authorization to discharge pursuant to 35 Ill. Adm. Code 310; and

Receives and treats or stores an influent wastewater which is a hazardous waste as defined in 35 Ill. Adm. Code 721.103, or generates and accumulates a wastewater treatment sludge which is a hazardous waste as defined in 35 Ill. Adm. Code 721.103, or treats or stores a wastewater treatment sludge which is a hazardous waste as defined in 35 Ill. Adm. Code 721.103; and

Meets the definition of tank or tank system in this Section.

"Water (bulk shipment)" means the bulk transportation of hazardous waste which is loaded or carried on board a vessel without containers or labels.

"Well" means any shaft or pit dug or bored into the earth, generally of a cylindrical form, and often walled with bricks or tubing to prevent the earth from caving in.

"Well injection" (See "underground injection").

"Zone of engineering control" means an area under the control of the owner or operator that, upon detection of a hazardous waste release, can be readily cleaned up prior to the release of hazardous waste or hazardous constituents to groundwater or surface water.

(Source: Amended at 14 Ill. Reg. 16450 effective September 25, 1990)

Section 720.111 References

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

NOTICE OF ADOPTED AMENDMENTS

a) The following publications are incorporated by reference:

ANSI. Available from the American National Standards Institute, 1430 Broadway, New York, New York 10018, (212) 354-3300:

ANSI B31.3 and B31.4. See ASME/ANSI B31.3 and B31.4

API. Available from the American Petroleum Institute, 1220 L Street, N.W., Washington, D.C. 20005, (202) 682-8000:

"Guide for Inspection of Refinery Equipment, Chapter XIII, Atmospheric and Low Pressure Storage Tanks," 4th Edition, 1981, reaffirmed December, 1987.

"Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems," API Recommended Practice 1632, Second Edition, December, 1987.

"Installation of Underground Petroleum Storage Systems," API Recommended Practice 1615, Fourth Edition, November, 1987.

ASME. Available from the American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, (212) 705-7722:

"Chemical Plant and Petroleum Refinery Piping", ASME/ANSI B31.3 - 1987, as supplemented by B31.3a - 1988 and B31.3b - 1988. Also available from ANSI.

"Liquid Transportation Systems for Hydrocarbons, Liquid Petroleum Gas, Anhydrous Ammonia, and Alcohols", ASME/ANSI B31.4 - 1986, as supplemented by B31.4a - 1987. Also available from ANSI.

ASTM. Available from American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, (215) 299-5400:

"ASTM Standard Test Methods for Flash Point of Liquids by Setafash Closed Tester," ASTM Standard D-3828-87.

"ASTM Standard Test Methods for Flash Point Pensky-Martens Closed Tester," ASTM Standard D-93-79 or D-93-80.

GPO. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401-2, (202) 783-3238:

Standard Industrial Classification Manual (1972), and 1977 Supplement, republished in 1983

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA Publication SW-846 (November, 1986) and Revision I (December, 1987), Document Number 955-001-00000-1

NACE. Available from the National Association of Corrosion Engineers, 1400 South Creek Dr., Houston, TX 77084, (713) 492-0535:

"Control of External Corrosion on Metallic Buried, Partially Buried, or Submerged Liquid Storage Systems", NACE Recommended Practice RP0285-85, approved March, 1985.

NFPA. Available from the National Fire Protection Association, Batterymarch Park, Boston, MA 02269, (617) 770-3000 or (800) 344-3555:

"Flammable and Combustible Liquids Code" NFPA 30, issued July 17, 1987. Also available from ANSI.

NTIS. Available from the National Technical Information Service, 5285 Port Royal Road, Springfield, VA 22161, (703) 487-4600:

"Generic Quality Assurance Project Plan for Land Disposal Restrictions Program", EPA/530-SW-87-011, March 15, 1987. (Document number PB 88-170766.

"Methods for Chemical Analysis of Water and Wastes", Third Edition, March, 1983. (Document number PB 84-128677)

"Procedures Manual for Ground Water Monitoring at Solid Waste Disposal Facilities", EPA-530/SW-611, 1977. (Document number PB 84-174820)

"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods," -EPA Publication Number SW-846 (Second Edition, 1982 as amended by Update I (April, 1984) and Update II (April, 1985)) (Document number PB 87-128291) -See GPO.

STI. Available from the Steel Tank Institute, 728 Anthony Trail, Northbrook, IL 60062, (312) 498-1980:

"Standard for Dual Wall Underground Steel Storage Tanks"

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

(1986).

USEPA. Available from United States Environmental Protection Agency, Office of Drinking Water, State Programs Division, WH 550 E, Washington, D.C. 20460:

"Technical Assistance Document: Corrosion, Its Detection and Control in Injection Wells", EPA 570/9-87-002, August, 1987.

- b) Code of Federal Regulations. Available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20401, (202) 783-3238:

10 CFR 20, Appendix B (1989)

40 CFR 136 (1989)

40 CFR 142 (1989)

40 CFR 220 (1989)

40 CFR 260.20 (1989)

40 CFR 264 (1989)

40 CFR 302.4, 302.5 and 302.6 (1989)

40 CFR 761 (1989)

- c) Federal Statutes

Section 3004 of the Resource Conservation and Recovery Act (42 U.S.C. 6901 et seq.), as amended through December 31, 1987.

- d) This Section incorporates no later editions or amendments.

(Source: Amended at 14 Ill. Reg. 16450, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

- 2) Code Citation: 35 Ill. Adm. Code 721

- 3) Section Numbers: Adopted Action:

721.104 Amendment

721.108 New Section

721.124 Amendment

721.130 Amendment

721.131 Amendment

721.App. B Amendment

721.App. C Amendment

- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.

- 5) Effective Date of Amendments: September 25, 1990

- 6) Does this rulemaking contain an automatic repeal date?: No.

- 7) Does this Amendment contain incorporations by reference?

Yes. Appendix B and Appendix C incorporate federal regulations by reference. Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative procedure Act shall not apply.

- 8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 1990

- 9) Notice of Proposal Published in Illinois Register:

June 22, 1990; 14 Ill. Reg. 9729

- 10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

- 11) Differences between proposal and final version:

R90-2, adopted at 14 Ill. Reg. 14401, now forms the base text for the proposal. The temporary exclusion for certain zinc wastes adopted in R90-2 as Section 721.104(b)(7)(A)(vi) has been moved to Section 721.104(b)(7)(U) to be consistent with the renumbering in this Docket.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section 721.108 has been reworded to eliminate grammatical problems consistent with USEPA's apparent intent.

In Section 721.124 "heptachlor (and its hydroxide)" has been reworded to "heptachlor (and its epoxide)", consistent with a correction published by USEPA on June 29, 1990. Also, a Board note has been added concerning effective dates and cross references.

- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

- 13) Will this Amendment replace an emergency Amendment currently in effect? No.

- 14) Are there any other amendments pending on this Part? Yes. In R90-17:

Section Numbers	Proposed Action	Illinois Register Citation
721.110	Amendment	Aug. 31, 1990; 14 Ill. Reg. 13938
721.111	Amendment	Aug. 31, 1990; 14 Ill. Reg. 13938

- 15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below. Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking: changes the "mining waste" exclusions; adds an exclusion for PCB wastes regulated under ISCA; replaces the former EP toxicity characteristic with "toxicity characteristic" as measured by the TCLP; changes terminology to reflect the TCLP; excludes zirconium phosphating from F019 listing; incorporates the TCLP test; and, specifies analytical methods for solid waste. The temporary exclusion for certain zinc wastes adopted in R90-2 has been renumbered to Section 721.104(b)(7)(U).

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

As is specified in the Board note in Section 721.124, generators are required to use the TCLP test as of September 25, 1990. However, small quantity generators may continue to use the EP toxicity test until March 29, 1991. Also, the reference in 35 Ill. Adm. Code 808.410(b)(4) to the "EP toxicity test" is to be understood as referencing the test required by Section 721.124.

- 16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE G: WASTE DISPOSAL

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 721

IDENTIFICATION AND LISTING OF HAZARDOUS WASTE

SUBPART A: GENERAL PROVISIONS

Section
721.101
721.102
721.103
721.104
721.105
721.106
721.107
721.108

Purpose of Scope
Definition of Solid Waste
Definition of Hazardous Waste
Exclusions
Special Requirements for Hazardous Waste Generated by Small Quantity Generators
Requirements for Recyclable Materials
Residues of Hazardous Waste in Empty Containers
PCB Wastes Regulated under TSCA

SUBPART B: CRITERIA FOR IDENTIFYING THE CHARACTERISTICS OF HAZARDOUS WASTE AND FOR LISTING HAZARDOUS WASTES

Section
721.110
721.111

Criteria for Identifying the Characteristics of Hazardous Waste
Criteria for Listing Hazardous Waste

SUBPART C: CHARACTERISTICS OF HAZARDOUS WASTE

Section
721.120
721.121
721.122
721.123
721.124

General
Characteristic of Ignitability
Characteristic of Corrosivity
Characteristic of Reactivity
~~Characteristic of EP Toxicity~~ Characteristic

SUBPART D: LISTS OF HAZARDOUS WASTE

Section
721.130
721.131
721.132
721.133

General
Hazardous Wastes From Nonspecific Sources
Hazardous Waste From Specific Sources
Discarded Commercial Chemical Products, Off-Specification Species, Container Residues and Spill Residues Thereof

Appendix A

Appendix B

Appendix C

Table A

Table B

Representative Sampling Methods
~~EP Toxicity Test Procedure~~ Method 1311 Toxicity Characteristic Leaching Procedure (TCLP)
Chemical Analysis Test Methods
Analytical Characteristics of Organic Chemicals (Repealed)
Analytical Characteristics of Inorganic Species (Repealed)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Table C Sample Preparation/Sample Introduction Techniques (Repealed)
Appendix G Basis for Listing Hazardous Wastes
Appendix H Hazardous Constituents
Appendix I Wastes Excluded under Section 720.120 and 720.122
Table A Wastes Excluded from Non-Specific Sources
Table B Wastes Excluded from Specific Sources
Table C Wastes Excluded From Commercial Chemical Products, Off-Specification Species, Container Residues, and Soil Residues Thereof

Appendix J Method of Analysis for Chlorinated Dibenzo-p-Dioxins and Dibenzofurans
Appendix Z Table to Section 721.102

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R81-22, 43 PCB 427, at 5 Ill. Reg. 9781, effective as noted in 35 Ill. Adm. Code 700.106; amended and codified in R81-22, 45 PCB 317, at 6 Ill. Reg. 4828, effective as noted in 35 Ill. Adm. Code 700.106; amended in R82-18, 51 PCB 31, at 7 Ill. Reg. 2518, effective February 22, 1983; amended in R82-19, 53 PCB 131, at 7 Ill. Reg. 13999, effective October 12, 1983; amended in R84-34, 61 PCB 247, at 8 Ill. Reg. 24562, effective December 11, 1984; amended in R84-9, at 9 Ill. Reg. 11834, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 998, effective January 2, 1986; amended in R85-2 at 10 Ill. Reg. 8112, effective May 2, 1986; amended in R86-1 at 10 Ill. Reg. 14002, effective August 12, 1986; amended in R86-19 at 10 Ill. Reg. 20647, effective December 2, 1986; amended in R86-28 at 11 Ill. Reg. 6035, effective March 24, 1987; amended in R86-46 at 11 Ill. Reg. 13466, effective August 4, 1987; amended in R87-32 at 11 Ill. Reg. 16698, effective September 30, 1987; amended in R87-5 at 11 Ill. Reg. 19303, effective November 12, 1987; amended in R87-26 at 12 Ill. Reg. 2456, effective January 15, 1988; amended in R87-30 at 12 Ill. Reg. 12070, effective July 12, 1988; amended in R87-39 at 12 Ill. Reg. 13006, effective July 29, 1988; amended in R88-16 at 13 Ill. Reg. 382, effective December 27, 1988; amended in R89-1 at 13 Ill. Reg. 18300, effective November 13, 1989; amended in R90-2 at 14 Ill. Reg. 14401, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16472, effective September 25, 1990.

SUBPART A: GENERAL PROVISIONS

Section 721.104 Exclusions

a) Materials which are not solid wastes. The following materials are not solid wastes for the purpose of this Part:

1) Sewage:

POLLUTION CONTROL BOARD

90

NOTICE OF ADOPTED AMENDMENTS

- A) Domestic sewage; and
- B) Any mixture of domestic sewage and other waste that passes through a sewer system to publicly-owned treatment works for treatment. "Domestic sewage" means untreated sanitary wastes that pass through a sewer system.

- 2) Industrial wastewater discharges that are point source discharges with NPDES permits issued by the Agency pursuant to Section 12(f) of the Environmental Protection Act and 35 Ill. Adm. Code 309.

BOARD NOTE: This exclusion applies only to the actual point source discharge. It does not exclude industrial wastewaters while they are being collected, stored or treated before discharge, nor does it exclude sludges that are generated by industrial wastewater treatment.

- 3) Irrigation return flows.
- 4) Source, special nuclear or by-product material as defined by the Atomic Energy Act of 1954, as amended (42 U.S.C. 2011 et seq.)
- 5) Materials subjected to in-situ mining techniques which are not removed from the ground as part of the extraction process.
- 6) Pulping liquors (i.e., black liquor) that are reclaimed in a pulping liquor recovery furnace and then reused in the pulping process, unless accumulated speculatively as defined in Section 721.101(c);
- 7) Spent sulfuric acid used to produce virgin sulfuric acid, unless it is accumulated speculatively as defined in Section 721.101(c).
- 8) Secondary materials that are reclaimed and returned to the original process or processes in which they were generated where they are reused in the production process, provided:

- A) Only tank storage is involved, and the entire process through completion of reclamation is closed by being entirely connected with pipes or other comparable enclosed means of conveyance;
- B) Reclamation does not involve controlled flame combustion (such as occurs in boilers, industrial furnaces or incinerators);

POLLUTION CONTROL BOARD

90

NOTICE OF ADOPTED AMENDMENTS

- C) The secondary materials are never accumulated in such tanks for over twelve months without being reclaimed; and
- D) The reclaimed material is not used to produce a fuel, or used to produce products that are used in a manner constituting disposal.

- b) Solid wastes which are not hazardous wastes. The following solid wastes are not hazardous wastes:

- 1) Household waste, including household waste that has been collected, transported, stored, treated, disposed, recovered (e.g., refuse-derived fuel) or reused. "Household waste" means any waste material (including garbage, trash and sanitary wastes in septic tanks) derived from households (including single and multiple residences, hotels and motels, bunkhouses, ranger stations, crew quarters, campgrounds, picnic grounds and day-use recreation areas). A resource recovery facility managing municipal solid waste shall not be deemed to be treating, storing, disposing of or otherwise managing hazardous wastes for the purposes of regulation under this Part, if such facility:

- A) Receives and burns only:

- i) Household waste (from single and multiple dwellings, hotels, motels and other residential sources) and
- ii) Solid waste from commercial or industrial sources that does not contain hazardous waste; and

- B) Such facility does not accept hazardous waste and the owner or operator of such facility has established contractual requirements or other appropriate notification or inspection procedures to assure that hazardous wastes are not received at or burned in such facility.

- 2) Solid wastes generated by any of the following and which are returned to the soil as fertilizers:

- A) The growing and harvesting of agricultural crops.
- B) The raising of animals, including animal manures.
- 3) Mining overburden returned to the mine site.
- 4) Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 5) Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas or geothermal energy.
- 6) Chromium wastes:
- A) Wastes which fail the test for the toxicity characteristic ~~of EP toxicity~~ (Section 721.124 and Appendix B) because chromium is present or are listed in Subpart D due to the presence of chromium, which do not fail the test for the toxicity characteristic ~~of EP toxicity~~ for any other constituent or are not listed due to the presence of any other constituent, and which do not fail the test for any other characteristic, if it is shown by a waste generator or by waste generators that:
- The chromium in the waste is exclusively (or nearly exclusively) trivalent chromium; and
 - The waste is generated from an industrial process which uses trivalent chromium exclusively (or nearly exclusively) and the process does not generate hexavalent chromium; and
 - The waste is typically and frequently managed in non-oxidizing environments.
- B) Specific wastes which meet the standard in subsections (b)(6)(A)(i), (ii) and (iii) (so long as they do not fail the test for the characteristic of EP toxicity, and do not fail the test for any other characteristic) are
- Chrome (blue) trimmings generated by the following subcategories of the leather tanning and finishing industry; hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing.
 - Chrome (blue) shavings generated by the following subcategories of the leather tanning and finishing industry; hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing.
 - Buffing dust generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue.
- Sewer screenings generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing.
 - Wastewater treatment sludges generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; retan/wet finish; no beamhouse; through-the-blue; and shearing.
 - Wastewater treatment sludges generated by the following subcategories of the leather tanning and finishing industry: hair pulp/chrome tan/retan/wet finish; hair save/chrome tan/retan/wet finish; and through-the-blue.
 - Waste scrap leather from the leather tanning industry, the shoe manufacturing industry, and other leather product manufacturing industries.
 - Wastewater treatment sludges from the production of titanium dioxide pigment using chromium-bearing ores by the chloride process.
- 7) Solid waste from the extraction, beneficiation and processing of ores and minerals (including coal), including phosphate rock and overburden from the mining of uranium ore. For purposes of this subsection, beneficiation of ores and minerals is restricted to the following activities: crushing, grinding, washing, dissolution, crystallization, filtration, sorting, sizing, drying, sintering, pelletizing, briquetting, calcining to remove water or carbon dioxide, roasting, autoclaving or chlorination in preparation for leaching (except where the roasting or autoclaving or chlorination/leaching sequence produces a final or intermediate product that does not undergo further beneficiation or processing), gravity concentration, magnetic separation, electrostatic separation, floatation, ion exchange, solvent extraction, electrowinning, precipitation, amalgamation, and heap, dump, vat tank and in situ leaching. For the purposes of this subsection, solid waste from the processing of ores and minerals ~~includes only~~ will include only the following wastes:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

A) The following solid wastes from the processing of ores and minerals, which are retained within this exclusion:

- i) Slag from primary copper smelting;
- ii) Slag from primary lead smelting;
- iii) Red and brown muds from bauxite refining;
- iv) Phosphogypsum from phosphoric acid production;
- v) Slag from elemental phosphorus production;
- vi) Until June 30, 1991, process wastewater, acid plant blowdown and wastewater treatment plant solids from primary zinc smelting and refining, except for wastewater treatment plant solids which are hazardous by characteristic and which are not processed, and

B) The following solid wastes from the processing of ores and minerals, which are conditionally retained within this exclusion, pending collection and evaluation of additional data:

- i) Roast/leach ore residue from primary chromite production;
- ii) Gasifier ash from coal gasification;
- iii) Process wastewater from coal gasification;
- iv) Slag tailings from primary copper smelting;
- v) Gaseous sulfate wastewater treatment plant sludge from primary copper smelting/refining;
- vi) Furnace off-gas solids from elemental phosphorus production;
- vii) Fluorogypsum from hydrofluoric acid production;
- viii) Process wastewater from hydrofluoric acid production;
- ix) Air pollution control dust/sludge from iron blast furnaces;
- x) Iron blast furnace slag;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- xi) Process wastewater from primary lead production;
 - xii) Air pollution control dust/sludge from lightweight aggregate production;
 - xiii) Process wastewater from primary magnesium processing by the anhydrous process;
 - xiv) Process wastewater from phosphoric acid production;
 - xv) Basic oxygen furnace and open hearth furnace slag from carbon steel production;
 - xvi) Basic oxygen furnace and open hearth furnace air pollution control dust/sludge from carbon steel production;
 - xvii) Sulfate processing waste acids from titanium dioxide production;
 - xviii) Sulfate processing waste solids from titanium dioxide production;
 - xix) Chloride processing waste solids from titanium tetrachloride production; and;
 - xx) Slag from primary zinc smelting.
- A) Slag from primary copper processing;
- B) Slag from primary lead processing;
- C) Red and brown muds from bauxite refining;
- D) Phosphogypsum from phosphoric acid production;
- E) Slag from elemental phosphorus production;
- F) Gasifier ash from coal gasification;
- G) Process wastewater from coal gasification;
- H) Calcium sulfate wastewater treatment plant sludge from primary copper processing;
- I) Slag tailings from primary copper processing;
- J) Fluorogypsum from hydrofluoric acid production;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- K) Process wastewater from hydrofluoric acid production;
- L) Air pollution control dust/sludge from iron blast furnaces;
- M) Iron blast furnace slag;
- N) Treated residue from roasting/leaching of chrome ore;
- O) Process wastewater from primary magnesium processing by the anhydrous process;
- P) Process wastewater from phosphoric acid production;
- Q) Basic oxygen furnace and open hearth furnace air pollution control dust/sludge from carbon steel production;
- R) Basic oxygen furnace and open hearth furnace slag from carbon steel production;
- S) Chloride processing waste solids from titanium tetrachloride production;
- T) Slag from primary zinc smelting; and,
- U) Until June 30, 1991, process wastewater, acid plant blowdown and wastewater treatment plant solids from primary zinc smelting and refining, except for wastewater treatment plant solids which are hazardous by characteristic and which are not processed.
- 8) Cement kiln dust waste.
- 9) Solid waste which consists of discarded wood or wood products which fails the test for the toxicity characteristic ~~of EP~~ ~~textile~~-solely for arsenic and which is not a hazardous waste for any other reason or reasons if the waste is generated by persons who utilize the arsenical-treated wood and wood products for these materials' intended end use.
- 10) Petroleum-contaminated media and debris that fail the test for the toxicity characteristic of Section 721.124 and are subject to corrective action regulations under 35 Ill. Adm. Code 731.
- c) Hazardous wastes which are exempted from certain regulations. A hazardous waste which is generated in a product or raw material storage tank, a product or raw material transport vehicle or vessel, a product or raw material pipeline, or in a manufacturing process

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

unit or an associated non-waste-treatment manufacturing unit, is not subject to regulation under 35 Ill. Adm. Code 702, 703, 705 and 722 through 725 and 728 or to the notification requirements of Section 3010 of RCRA until it exits the unit in which it was generated, unless the unit is a surface impoundment, or unless the hazardous waste remains in the unit more than 90 days after the unit ceases to be operated for manufacturing, or for storage or transportation of product or raw materials.

d) Samples

- 1) Except as provided in subsection (d)(2), a sample of solid waste or a sample of water, soil or air, which is collected for the sole purpose of testing to determine its characteristics or composition, is not subject to any requirements of this Part or 35 Ill. Adm. Code 702, 703, 705 and 722 through 728. The sample qualifies when:
- A) The sample is being transported to a laboratory for the purpose of testing; or
- B) The sample is being transported back to the sample collector after testing; or
- C) The sample is being stored by the sample collector before transport to a laboratory for testing; or
- D) The sample is being stored in a laboratory before testing; or
- E) The sample is being stored in a laboratory for testing but before it is returned to the sample collector; or
- F) The sample is being stored temporarily in the laboratory after testing for a specific purpose (for example, until conclusion of a court case or enforcement action where further testing of the sample may be necessary).
- 2) In order to qualify for the exemption in subsection (d)(1)(A) and (B), a sample collector shipping samples to a laboratory and a laboratory returning samples to a sample collector must:
- A) Comply with U.S. Department of Transportation (DOT), U.S. Postal Service (USPS) or any other applicable shipping requirements; or
- B) Comply with the following requirements if the sample collector determines that DOT, USPS or other shipping

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

requirements do not apply to the shipment of the sample:

- i) Assume that the following information accompanies the sample: The sample collector's name, mailing address and telephone number; the laboratory's name, mailing address and telephone number; the quantity of the sample; the date of the shipment; and a description of the sample.

- ii) Package the sample so that it does not leak, spill or vaporize from its packaging.

- 3) This exemption does not apply if the laboratory determines that the waste is hazardous but the laboratory is no longer meeting any of the conditions stated in subsection (d)(1).

e) Treatability study samples.

- 1) Except as is provided in subsection (e)(2), persons who generate or collect samples for the purpose of conducting treatability studies, as defined in 35 Ill. Adm. Code 720.110, are not subject to any requirement of 35 Ill. Adm. Code 721 through 723 or to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act. Nor are such samples included in the quantity determinations of Section 721.105 and 35 Ill. Adm. Code 722.134(d) when:

- A) The sample is being collected and prepared for transportation by the generator or sample collector; or,
- B) The sample is being accumulated or stored by the generator or sample collector prior to transportation to a laboratory or testing facility; or
- C) The sample is being transported to the laboratory or testing facility for the purpose of conducting a treatability study.

- 2) The exemption in subsection (e)(1) is applicable to samples of hazardous waste being collected and shipped for the purpose of conducting treatability studies provided that:

- A) The generator or sample collector uses (in "treatability studies") no more than 1000 kg of any non-acute hazardous waste, 1 kg of acute hazardous waste or 250 kg of soils, water or debris contaminated with acute hazardous waste for each process being evaluated for each generated wastestream; and

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- B) The mass of each shipment does not exceed 1000 kg of non-acute hazardous waste, 1 kg of acute hazardous waste or 250 kg of soils, water or debris contaminated with acute hazardous waste; and
- C) The sample must be packaged so that it does not leak, spill or vaporize from its packaging during shipment and the requirements of subsections (i) or (ii) are met.
 - i) The transportation of each sample shipment complies with U.S. Department of Transportation (DOT), U.S. Postal Service (USPS) or any other applicable shipping requirements; or
 - ii) If the DOT, USPS or other shipping requirements do not apply to the shipment of the sample, the following information must accompany the sample: The name, mailing address and telephone number of the originator of the sample; the name, address and telephone number of the facility that will perform the treatability study; the quantity of the sample; the date of the shipment; and, a description of the sample, including its USEPA hazardous waste number.
- D) The sample is shipped to a laboratory or testing facility which is exempt under subsection (f) or has an appropriate RCRA permit or interim status.
- E) The generator or sample collector maintains the following records for a period ending 3 years after completion of the treatability study:
 - i) Copies of the shipping documents;
 - ii) A copy of the contract with the facility conducting the treatability study;
 - iii) Documentation showing: The amount of waste shipped under this exemption; the name, address and USEPA identification number of the laboratory or testing facility that received the waste; the date the shipment was made; and, whether or not unused samples and residues were returned to the generator.
- F) The generator reports the information required in subsection (e)(2)(E)(iii) in its report under 35 Ill. Adm. Code 722.141.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 3) The Agency may grant requests, on a case-by-case basis, for quantity limits in excess of those specified in subsection (e)(2)(A), for up to an additional 500 kg of any non-acute hazardous waste, 1 kg of acute hazardous waste and 250 kg of soils, water or debris contaminated with acute hazardous waste, to conduct further treatability study evaluation when: There has been an equipment or mechanical failure during the conduct of the treatability study; there is need to verify the results of a previously conducted treatability study; there is a need to study and analyze alternative techniques within a previously evaluated treatment process; or, there is a need to do further evaluation of an ongoing treatability study to determine final specifications for treatment. The additional quantities allowed are subject to all the provisions in subsections (e)(1) and (e)(2)(B) through (F). The generator or sample collector must apply to the Agency and provide in writing the following information:

- A) The reason why the generator or sample collector requires additional quantity of sample for the treatability study evaluation and the additional quantity needed;
 - B) Documentation accounting for all samples of hazardous waste from the wastestream which have been sent for or undergone treatability studies, including the date each previous sample was shipped, the quantity of each previous shipment, the laboratory or testing facility to which it was shipped, what treatability study processes were conducted on each sample shipped, and the available results of each treatability study;
 - C) A description of the technical modifications or change in specifications which will be evaluated and the expected results;
 - D) If such further study is being required due to equipment or mechanical failure, the applicant must include information regarding the reason for the failure or breakdown and also include what procedures or equipment have been made to protect against further breakdowns; and,
 - E) Such other information as the Agency determines is necessary.
- 4) Final Agency determinations pursuant to this subsection may be appealed to the Board.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- f) Samples undergoing treatability studies at laboratories or testing facilities. Samples undergoing treatability studies and the laboratory or testing facility conducting such treatability studies (to the extent such facilities are not otherwise subject to RCRA requirements) are not subject to any requirement of this Part, or of 35 Ill. Adm. Code 702, 703, 705, 722 through 726, and 728, or to the notification requirements of Section 3010 of the Resource Conservation and Recovery Act, provided that the requirements of subsections (f)(1) through (f)(11) are met. A mobile treatment unit may qualify as a testing facility subject to subsections (f)(1) through (f)(11). Where a group of mobile treatment units are located at the same site, the limitations specified in subsections (f)(1) through (f)(11) apply to the entire group of mobile treatment units collectively as if the group were one mobile treatment unit.

- 1) No less than 45 days before conducting treatability studies, the facility notifies the Agency in writing that it intends to conduct treatability studies under this subsection.
- 2) The laboratory or testing facility conducting the treatability study has a USEPA identification number.
- 3) No more than a total of 250 kg of "as received" hazardous waste is subjected to initiation of treatability studies in any single day. "As received" waste refers to the waste as received in the shipment from the generator or sample collector.
- 4) The quantity of "as received" hazardous waste stored at the facility for the purpose of evaluation in treatability studies does not exceed 1000 kg, the total of which can include 500 kg of soils, water or debris contaminated with acute hazardous waste or 1 kg of acute hazardous waste. This quantity limitation does not include:
 - A) Treatability study residues; and,
 - B) Treatment materials (including nonhazardous solid waste) added to "as received" hazardous waste.
- 5) No more than 90 days have elapsed since the treatability study for the sample was completed, or no more than one year has elapsed since the generator or sample collector shipped the sample to the laboratory or testing facility, whichever date first occurs.
- 6) The treatability study does not involve the placement of hazardous waste on the land or open burning of hazardous waste.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

7) The facility maintains records for 3 years following completion of each study that show compliance with the treatment rate limits and the storage time and quantity limits. The following specific information must be included for each treatability study conducted:

- A) The name, address and USEPA identification number of the generator or sample collector of each waste sample;
- B) The date the shipment was received;
- C) The quantity of waste accepted;
- D) The quantity of "as received" waste in storage each day;
- E) The date the treatment study was initiated and the amount of "as received" waste introduced to treatment each day;

F) The date the treatability study was concluded;

- G) The date any unused sample or residues generated from the treatability study were returned to the generator or sample collector or, if sent to a designated facility, the name of the facility and the USEPA identification number.

8) The facility keeps, on-site, a copy of the treatability study contract and all shipping papers associated with the transport of treatability study samples to and from the facility for a period ending 3 years from the completion date of each treatability study.

9) The facility prepares and submits a report to the Agency by March 15 of each year that estimates the number of studies and the amount of waste expected to be used in treatability studies during the current year, and includes the following information for the previous calendar year:

- A) The name, address and USEPA identification number of the facility conducting the treatability studies;
- B) The types (by process) of treatability studies conducted;
- C) The names and addresses of persons for whom studies have been conducted (including their USEPA identification numbers);
- D) The total quantity of waste in storage each day;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- E) The quantity and types of waste subjected to treatability studies;
 - F) When each treatability study was conducted;
 - G) The final disposition of residues and unused sample from each treatability study;
- 10) The facility determines whether any unused sample or residues generated by the treatability study are hazardous waste under Section 721.103 and, if so, are subject to 35 Ill. Adm. Code 702, 703 and 721 through 728, unless the residues and unused samples are returned to the sample originator under the subsection (e) exemption.

11) The facility notifies the Agency by letter when the facility is no longer planning to conduct any treatability studies at the site.

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

Section 721.108 PCB Wastes Regulated under TSCA

Polychlorinatedbiphenyl-(PCB)-containing dielectric fluid and electric equipment containing such fluid, which are authorized for use and regulated under 40 CFR 761, incorporated by reference in 35 Ill. Adm. Code 720.111, and which are hazardous only because they fail the test for toxicity characteristic (hazardous waste codes D018 through D043 only), are exempt from regulation under 35 Ill. Adm. Code 702, 703, 705, 721 through 725, and 728, and from the notification requirements of Section 3010 of the Resource Conservation and Recovery Act.

(Source: Added at 14 Ill. Reg. 16472, effective September 25, 1990)

SUBPART C: CHARACTERISTICS OF HAZARDOUS WASTE

Section 721.124 ~~Characteristic of~~ EP Toxicity Characteristic

- a) A solid waste exhibits the characteristic of toxicity-EP ~~Toxicity-~~ if, using the test methods described in Appendix ~~II-B~~ or equivalent methods ~~-(§720.121)-~~ approved by the Agency under the procedures set forth in Sections 720.120 and 720.121, the extract from a representative sample of the waste contains any of the contaminants listed in ~~Table I-~~ the table in subsection (b) at a concentration equal to or greater than the respective value given in that table. Where the waste contains less than 0.5 percent filterable solids, the waste itself, after filtering using the methodology outlined in

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Appendix B, is considered to be the extract for the purpose of this Section.

BOARD NOTE: Generators are required to use the TCLP test for the hazardous waste determination under 35 Ill. Adm. Code 722.120 as of September 25, 1990. Provided, however, that, as specified at 55 Fed. Reg. 11850, March 29, 1990, small quantity generators of 100 to 1000 kg/month, as defined in 35 Ill. Adm. Code 721.105, may continue to use the EP toxicity test until March 29, 1991. The EP toxicity test is Method 1310 in SW 846, "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," incorporated by reference in 35 Ill. Adm. Code 720.111. The reference to the "EP toxicity test" in 35 Ill. Adm. Code 808.410(b)(4) is to be understood as referencing the test required by this Section.

- b) A solid waste that exhibits the characteristic of ~~EP toxicity~~ toxicity, but is not listed as a hazardous waste in Subpart D, has the USEPA Hazardous Waste Number specified in ~~Table 1~~ the following table which corresponds to the toxic contaminant causing it to be hazardous.

~~Table 1. -- CONCENTRATION OF CONTAMINANTS
FOR CHARACTERISTICS OF EP TOXICITY~~

EPA Hazardous Waste Number	Contaminant	Concentration (mg/l)
0004	Arsenic	5.0
0005	Barium	100.0
0006	Cadmium	1.0
0007	Chromium	5.0
0008	Lead	5.0
0009	Mercury	0.2
0010	Selenium	1.0
0011	Silver	5.0
0012	Endrin (1,2,3,4,10,10-hexachloro-1,7-epoxy-1,4,5,8,8,8-hexachloro-1,4-endo, endo-5,8-dimethano naphthalene)	0.02
0013	Lindane (1,2,3,4,5,6-hexachlorocyclohexane, gamma isomer)	0.4
0014	Methoxychlor (1,1,1-trichloro-2,2-bis (p-methoxyphenyl) ethane)	10.0
0015	Toxaphene (6,10,16,18-tetrachloro-2,4,6,8-tetrachloro-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,69a,69b,69c,69d,69e,69f,69g,69h,69i,69j,69k,69l,69m,69n,69o,69p,69q,69r,69s,69t,69u,69v,69w,69x,69y,69z,70,71,72,73,74,75,76,77,78,79,80,81,82,83,84,85,86,87,88,89,90,91,92,93,94,95,96,97,98,99,100,101,102,103,104,105,106,107,108,109,110,111,112,113,114,115,116,117,118,119,120,121,122,123,124,125,126,127,128,129,130,131,132,133,134,135,136,137,138,139,140,141,142,143,144,145,146,147,148,149,150,151,152,153,154,155,156,157,158,159,160,161,162,163,164,165,166,167,168,169,170,171,172,173,174,175,176,177,178,179,180,181,182,183,184,185,186,187,188,189,190,191,192,193,194,195,196,197,198,199,200,201,202,203,204,205,206,207,208,209,210,211,212,213,214,215,216,217,218,219,220,221,222,223,224,225,226,227,228,229,230,231,232,233,234,235,236,237,238,239,240,241,242,243,244,245,246,247,248,249,250,251,252,253,254,255,256,257,258,259,260,261,262,263,264,265,266,267,268,269,270,271,272,273,274,275,276,277,278,279,280,281,282,283,284,285,286,287,288,289,290,291,292,293,294,295,296,297,298,299,300,301,302,303,304,305,306,307,308,309,310,311,312,313,314,315,316,317,318,319,320,321,322,323,324,325,326,327,328,329,330,331,332,333,334,335,336,337,338,339,340,341,342,343,344,345,346,347,348,349,350,351,352,353,354,355,356,357,358,359,360,361,362,363,364,365,366,367,368,369,370,371,372,373,374,375,376,377,378,379,380,381,382,383,384,385,386,387,388,389,390,391,392,393,394,395,396,397,398,399,400,401,402,403,404,405,406,407,408,409,410,411,412,413,414,415,416,417,418,419,420,421,422,423,424,425,426,427,428,429,430,431,432,433,434,435,436,437,438,439,440,441,442,443,444,445,446,447,448,449,450,451,452,453,454,455,456,457,458,459,460,461,462,463,464,465,466,467,468,469,470,471,472,473,474,475,476,477,478,479,480,481,482,483,484,485,486,487,488,489,490,491,492,493,494,495,496,497,498,499,500,501,502,503,504,505,506,507,508,509,510,511,512,513,514,515,516,517,518,519,520,521,522,523,524,525,526,527,528,529,530,531,532,533,534,535,536,537,538,539,540,541,542,543,544,545,546,547,548,549,550,551,552,553,554,555,556,557,558,559,560,561,562,563,564,565,566,567,568,569,570,571,572,573,574,575,576,577,578,579,580,581,582,583,584,585,586,587,588,589,590,591,592,593,594,595,596,597,598,599,600,601,602,603,604,605,606,607,608,609,610,611,612,613,614,615,616,617,618,619,620,621,622,623,624,625,626,627,628,629,630,631,632,633,634,635,636,637,638,639,640,641,642,643,644,645,646,647,648,649,650,651,652,653,654,655,656,657,658,659,660,661,662,663,664,665,666,667,668,669,670,671,672,673,674,675,676,677,678,679,680,681,682,683,684,685,686,687,688,689,690,691,692,693,694,695,696,697,698,699,700,701,702,703,704,705,706,707,708,709,710,711,712,713,714,715,716,717,718,719,720,721,722,723,724,725,726,727,728,729,730,731,732,733,734,735,736,737,738,739,740,741,742,743,744,745,746,747,748,749,750,751,752,753,754,755,756,757,758,759,760,761,762,763,764,765,766,767,768,769,770,771,772,773,774,775,776,777,778,779,780,781,782,783,784,785,786,787,788,789,790,791,792,793,794,795,796,797,798,799,800,801,802,803,804,805,806,807,808,809,810,811,812,813,814,815,816,817,818,819,820,821,822,823,824,825,826,827,828,829,830,831,832,833,834,835,836,837,838,839,840,841,842,843,844,845,846,847,848,849,850,851,852,853,854,855,856,857,858,859,860,861,862,863,864,865,866,867,868,869,870,871,872,873,874,875,876,877,878,879,880,881,882,883,884,885,886,887,888,889,890,891,892,893,894,895,896,897,898,899,900,901,902,903,904,905,906,907,908,909,910,911,912,913,914,915,916,917,918,919,920,921,922,923,924,925,926,927,928,929,930,931,932,933,934,935,936,937,938,939,940,941,942,943,944,945,946,947,948,949,950,951,952,953,954,955,956,957,958,959,960,961,962,963,964,965,966,967,968,969,970,971,972,973,974,975,976,977,978,979,980,981,982,983,984,985,986,987,988,989,990,991,992,993,994,995,996,997,998,999,1000)	10.0

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

MAXIMUM CONCENTRATION OF CONTAMINANTS
FOR THE TOXICITY CHARACTERISTIC

USEPA Hazardous Waste Number	Contaminant	CAS No.	Note	Regula- tory Level (mg/L)
0004	Arsenic	7440-38-2		5.0
0005	Barium	7440-39-3		100.0
0018	Benzene	71-43-2		0.5
0006	Cadmium	7440-43-9		1.0
0019	Carbon tetrachloride	56-23-5		0.5
0020	Chlordane	57-74-9		0.03
0021	Chlorobenzene	108-90-7		100.0
0022	Chloroform	67-66-3		6.0
0007	Chromium	7440-47-3		5.0
0023	o-Cresol	95-49-7	4 200.0	4 200.0
0024	m-Cresol	108-39-4	4 200.0	4 200.0
0025	p-Cresol	106-44-5	4 200.0	4 200.0
0026	Cresol		4 200.0	4 200.0
0016	2,4-D	94-75-7		10.0
0027	1,4-Dichlorobenzene	106-46-7		7.5
0028	1,2-Dichloroethane	107-06-2		0.5
0029	1,1-Dichloroethylene	75-35-4		0.7
0030	2,4-Dinitrotoluene	121-14-2	3	0.13
0012	Endrin	72-20-8		0.02
0031	Heptachlor (and its epoxide)	76-44-8		0.008
0032	Hexachlorobenzene	118-74-1	3	0.13
0033	Hexachlorobutadiene	87-68-3		0.5
0034	Hexachloroethane	57-72-1		3.0
0008	Lead	7439-92-1		5.0
0013	Lindane	58-99-9		0.4
0009	Mercury	7439-97-6		0.2
0014	Methoxychlor	72-43-5		10.0
0035	Methyl ethyl ketone	78-93-3		200.0
0036	Nitrobenzene	98-95-3		2.0
0037	Pentachlorophenol	87-86-5		100.0
0038	Pyridine	110-86-1	3	5.0
0010	Selenium	7782-49-2		1.0
0011	Silver	7440-22-4		5.0
0039	Tetrachloroethylene	127-18-4		0.7
0015	Toxaphene	8001-35-2		0.5
0040	Trichloroethylene	79-01-6		0.5
0041	2,4,5-Trichlorophenol	95-95-4		400.0
0042	2,4,6-Trichlorophenol	88-06-2		2.0
0017	2,4,5-TP (Silvex)	93-72-1		1.0

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

D043 Vinyl chloride 75-01-4 0.2

Notes to Table:

- 3 Quantitation limit is greater than the calculated regulatory level. The quantitation limit therefore becomes the regulatory level.
- 4 If o-, m-, p-cresol concentrations cannot be differentiated, the total cresol (0026) concentration is used. The regulatory level of total cresol is 200.0 mg/L.

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

SUBPART D: LISTS OF HAZARDOUS WASTE

Section 721.130 General

- a) A solid waste is a hazardous waste if it is listed in this Subpart, unless it has been excluded from this list under 35 Ill. Adm. Code 720.120 and 720.122.
- b) The basis for listing the classes or types of wastes listed in this Subpart is indicated by employing one or more of the Hazard Codes:

- 1) Hazard Codes:
- A) Ignitable Waste..... (I)
- B) Corrosive Waste..... (C)
- C) Reactive Waste..... (R)
- D) ~~EP~~ Toxicity Characteristic Waste..... (E)
- E) Acute Hazardous Waste..... (H)
- F) Toxic Waste..... (T)

- 2) Appendix G identifies the constituent which caused the Administrator to list the waste as an ~~EP~~ Toxicity Characteristic Waste (E) or Toxic Waste (T) in Sections 721.131 and 721.132.

- c) Each hazardous waste listed in this Subpart is assigned an EPA Hazardous Waste Number which precedes the name of the waste. This number must be used in complying with the notification requirements of Section 3010 of the Act and certain recordkeeping and reporting

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

requirements under 35 Ill. Adm. Code 702, 703, 722 through 725 and 728 and 40 CFR 122.

- d) The following hazardous wastes listed in Section 721.131 or 721.132 are subject to the exclusion limits for acute hazardous wastes established in Section 721.105: hazardous wastes numbers F020, F021, F022, F023, F026 and F027.

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

Section 721.131 Hazardous Wastes From Nonspecific Sources

The following solid wastes are listed hazardous wastes from non-specific sources unless they are excluded under 35 Ill. Adm. Code 720.120 and 720.122 and listed in Appendix I.

EPA Hazardous Waste No.	Industry and Hazardous Waste	Hazard Code
-------------------------	------------------------------	-------------

F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures and blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	(T)
------	--	-----

F002	The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, orthodichlorobenzene, trichlorofluoromethane and 1,1,2-trichloroethane; all spent solvent mixtures and blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.	(T)
------	--	-----

F003	The following spent non-halogenated solvents: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone and methanol; all spent solvent mixtures and blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures and blends containing, before use, one or more of the above non-halogenated solvents and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004 or F005; and still bottoms from the recovery of these spent solvents and spent solvent	(I)
------	---	-----

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- F004 mixtures.
The following spent non-halogenated solvents: (T)
cresols and cresylic acid and nitrobenzene; all spent solvent mixtures and blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002 or F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F005 The following spent non-halogenated solvents: (I, T)
toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol and 2-nitropropane; all spent solvent mixtures and blends, containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002 or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F006 Wastewater treatment sludges from (T)
electroplating operations except from the following processes:
(1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
- F019 ~~Wastewater treatment sludges from the chemical conversion coating of aluminum-See Below~~ (T)
F007 Spent cyanide plating bath solutions from (R, T)
electroplating operations.
F008 Plating bath residues from the bottom of (R, T)
plating baths from electroplating operations where cyanides are used in the process.
F009 Spent stripping and cleaning bath solutions (R, T)
from electroplating operations where cyanides are used in the process.
F010 Quenching bath residues from oil baths (R, T)
from metal heat treating operations where cyanides are used in the process.
F011 Spent cyanide solutions from salt bath (R, T)
pot cleaning from metal heat treating operations.
F012 Quenching wastewater treatment sludges from (T)
metal heat treating operations where cyanides are used in the process.
- F019 Wastewater treatment sludges from the chemical (T)
conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
- F020 Wastes (except wastewater and spent carbon (H)
from hydrogen chloride purification) from the production or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- F021 manufacturing use (as a reactant, chemical intermediate or (H)
component in a formulating process) of tri- or tetrachlorophenol, or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of pentachlorophenol, or of intermediates used to produce its derivatives.
- F022 Wastes (except wastewater and spent carbon (H)
from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of tetra-, penta- or hexachlorobenzenes under alkaline conditions.
- F023 Wastes (except wastewater and spent carbon (H)
from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.
- F024 Process wastes including but not limited (T)
to, distillation residues, heavy ends, tars, and reactor cleanout wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludges, spent catalysts and wastes listed in this Section or Section 721.132.)
- F025 Condensed light ends, spent filters and filter aids, and (T)
spent dessicant wastes from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution.
- F026 Wastes (except wastewater and spent carbon (H)
from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate or component in a formulating process) of tetra-, penta- or hexachlorobenzene

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- F027 under alkaline conditions.
(H)
Discarded unused formulations containing tri-, tetra- or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component).
(T)
F023 Residues resulting from the incineration or thermal treatment of soil contaminated with hazardous waste numbers F020, F021, F022, F023, F026 and F027.

(Board Note: The primary hazardous properties of these materials have been indicated by the letters T (Toxicity), R (Reactivity), I (Ignitability), and C (Corrosivity). The letter H indicates Acute Hazardous Waste.)

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

Section 721-Appendix B ~~-EP Toxicity Test Procedures-Method 1311 Toxicity Characteristic Leaching Procedure (TCLP)~~

~~-See Appendix II to 40 CFR 261.-The Board incorporates by reference 40 CFR 261, Appendix II, as amended at 55 Fed. Reg. 11798, March 29, 1990. This Section incorporates no future editions or modifications.~~

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

Section 721-Appendix C Chemical Analysis Test Methods

The Board incorporates by reference 40 CFR 261, Appendix III (1989), as amended at 54 Fed. Reg. 41407, October 6, 1989, and as amended at 55 Fed. Reg. 8948, March 9, 1990. This Section incorporates no future editions or modifications.

(Source: Amended at 14 Ill. Reg. 16472, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

- 2) Code Citation: 35 Ill. Adm. Code 725

- 3) Section Numbers: Adopted Action:
725.321 Amendment
725.373 Amendment

- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.

- 5) Effective Date of Amendments: September 25, 1990

- 6) Does this rulemaking contain an automatic repeal date?: No.

- 7) Does this Amendment contain incorporations by reference? No.

- 8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 1990

- 9) Notice of Proposal Published in Illinois Register:

June 22, 1990; 14 Ill. Reg. 9754

- 10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

- 11) Differences between proposal and final version:

Minor editorial differences.

- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

- 13) Will this Amendment replace an emergency Amendment currently in effect? No.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

14) Are there any other amendments pending on this Part? No.

15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below. Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking changes Part 725 terminology to correspond with the TCLP, described in 35 Ill. Adm. Code 721.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE G: WASTE DISPOSAL

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 725

INTERIM STATUS STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART A: GENERAL PROVISIONS

Purpose, Scope and Applicability
Imminent Hazard Action

Section
725.101
725.104

SUBPART B: GENERAL FACILITY STANDARDS

Applicability
USEPA Identification Number
Required Notices
General Waste Analysis
Security
General Inspection Requirements
Personnel Training
General Requirements for Ignitable, Reactive or Incompatible Wastes
Location Standards

Section
725.110
725.111
725.112
725.113
725.114
725.115
725.116
725.117
725.118

SUBPART C: PREPAREDNESS AND PREVENTION

Applicability
Maintenance and Operation of Facility
Required Equipment
Testing and Maintenance of Equipment
Access to Communications or Alarm System
Required Aisle Space
Arrangements with Local Authorities

Section
725.130
725.131
725.132
725.133
725.134
725.135
725.137

SUBPART D: CONTINGENCY PLAN AND EMERGENCY PROCEDURES

Applicability
Purpose and Implementation of Contingency Plan
Content of Contingency Plan
Copies of Contingency Plan
Amendment of Contingency Plan
Emergency Coordinator
Emergency Procedures

Section
725.150
725.151
725.152
725.153
725.154
725.155
725.156

SUBPART E: MANIFEST SYSTEM, RECORDKEEPING AND REPORTING

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section

725.170

Applicability

725.171

Use of Manifest System

725.172

Manifest Discrepancies

725.173

Operating Record

725.174

Availability, Retention and Disposition of Records

725.175

Annual Report

725.176

Unmanifested Waste Report

725.177

Additional Reports

SUBPART F: GROUNDWATER MONITORING

Section

725.190

Applicability

725.191

Groundwater Monitoring System

725.192

Sampling and Analysis

725.193

Preparation, Evaluation and Response

725.194

Recordkeeping and Reporting

SUBPART G: CLOSURE AND POST-CLOSURE

Section

725.210

Applicability

725.211

Closure Performance Standard

725.212

Closure Plan; Amendment of Plan

725.213

Closure; Time Allowed for Closure

725.214

Disposal or Decontamination of Equipment, Structures and Soils

725.215

Certification of Closure

725.216

Survey Plat

725.217

Post-closure Care and Use of Property

725.218

Post-closure Plan; Amendment of Plan

725.219

Post-Closure Notices

725.220

Certification of Completion of Post-Closure Care

SUBPART H: FINANCIAL REQUIREMENTS

Section

725.240

Applicability

725.241

Definitions of Terms as Used in this Subpart

725.242

Cost Estimate for Closure

725.243

Financial Assurance for Closure

725.244

Cost Estimate for Post-closure Care

725.245

Financial Assurance for Post-closure Monitoring and Maintenance

725.246

Use of a Mechanism for Financial Assurance of Both Closure and Post-closure Care

725.247

Liability Requirements

725.248

Incapacity of Owners or Operators, Guarantors or Financial Institutions

725.251

Promulgation of Forms (Repealed)

SUBPART I: USE AND MANAGEMENT OF CONTAINERS

Section

725.270

Applicability

725.271

Condition of Containers

725.272

Compatibility of Waste with Container

725.273

Management of Containers

725.274

Inspections

725.276

Special Requirements for Ignitable or Reactive Waste

725.277

Special Requirements for Incompatible Wastes

SUBPART J: TANK SYSTEMS

Section

725.290

Applicability

725.291

Assessment of Existing Tank System's Integrity

725.292

Design and Installation of New Tank Systems or Components

725.293

Containment and Detection of Releases

725.294

General Operating Requirements

725.295

Inspections

725.296

Response to leaks or spills and disposition of Tank Systems

725.297

Closure and Post-Closure Care

725.298

Special Requirements for Ignitable or Reactive Waste

725.299

Special Requirements for Incompatible Wastes

725.300

Waste Analysis and Trial Tests

725.301

Generators of 100 to 1000 kg/mo.

SUBPART K: SURFACE IMPOUNDMENTS

Section

725.320

Applicability

725.321

Design Requirements

725.322

General Operating Requirements

725.323

Containment System

725.325

Waste Analysis and Trial Tests

725.326

Inspections

725.328

Closure and Post-Closure Care

725.329

Special Requirements for Ignitable or Reactive Waste

725.330

Special Requirements for Incompatible Wastes

SUBPART L: WASTE PILES

Section

725.350

Applicability

725.351

Protection from Wind

725.352

Waste Analysis

725.353

Containment

725.354

Design Requirements

725.356

Special Requirements for Ignitable or Reactive Waste

725.357

Special Requirements for Incompatible Wastes

725.358

Closure and Post-Closure Care

SUBPART M: LAND TREATMENT

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section
725.370 Applicability
725.370 General Operating Requirements
725.372 Waste Analysis
725.373 Food Chain Crops
725.376 Unsaturated Zone (Zone of Aeration) Monitoring
725.378 Recordkeeping
725.379 Closure and Post-closure
725.380 Special Requirements for Ignitable or Reactive Waste
725.381 Special Requirements for Incompatible Wastes
725.382

SUBPART N: LANDFILLS

Section
725.400 Applicability
725.400 Design Requirements
725.402 General Operating Requirements
725.409 Surveying and Recordkeeping
725.410 Closure and Post-Closure
725.412 Special Requirements for Ignitable or Reactive Waste
725.413 Special Requirements for Incompatible Wastes
725.414 Special Requirements for Liquid Wastes
725.415 Special Requirements for Containers
725.416 Disposal of Small Containers of Hazardous Waste in Overpacked Drums (Lab Packs)

SUBPART O: INCINERATORS

Section
725.440 Applicability
725.441 Waste Analysis
725.445 General Operating Requirements
725.447 Monitoring and Inspection
725.451 Closure
725.452 Interim Status Incinerators Burning Particular Hazardous Wastes

SUBPART P: THERMAL TREATMENT

Section
725.470 Other Thermal Treatment
725.473 General Operating Requirements
725.475 Waste Analysis
725.477 Monitoring and Inspections
725.481 Closure
725.482 Open Burning; Waste Explosives
725.483 Interim Status Thermal Treatment Devices Burning Particular Hazardous Waste

SUBPART Q: CHEMICAL, PHYSICAL AND BIOLOGICAL TREATMENT

Section
725.500 Applicability

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

725.501 General Operating Requirements
725.502 Waste Analysis and Trial Tests
725.503 Inspections
725.504 Closure
725.505 Special Requirements for Ignitable or Reactive Waste
725.506 Special Requirements for Incompatible Wastes

SUBPART R: UNDERGROUND INJECTION

Section
725.530 Applicability
Appendix A Recordkeeping Instructions
Appendix B EPA Report Form and Instructions (Repealed)
Appendix C EPA Interim Primary Drinking Water Standards
Appendix D Tests for Significance
Appendix E Examples of Potentially Incompatible Waste

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111-1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R81-22, 43 PCB 427, at 5 Ill. Reg. 9731, effective as noted in 35 Ill. Adm. Code 700.106; amended and codified in R81-22, 45 PCB 317, at 6 Ill. Reg. 4828, effective as noted in 35 Ill. Adm. Code 700.106; amended in R82-18, 51 PCB 831, at 7 Ill. Reg. 2518, effective February 22, 1983; amended in R82-19, 53 PCB 131, at 7 Ill. Reg. 14034, effective October 12, 1983; amended in R84-9, at 9 Ill. Reg. 11869, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 1085, effective January 2, 1986; amended in R86-1 at 10 Ill. Reg. 14069, effective August 12, 1986; amended in R86-28 at 11 Ill. Reg. 6044, effective March 24, 1987; amended in R87-5 at 11 Ill. Reg. 13489, effective August 4, 1987; amended in R87-26 at 12 Ill. Reg. 19338, effective November 10, 1987; amended in R87-39 at 12 Ill. Reg. 13027, effective January 15, 1988; amended in R88-16 at 13 Ill. Reg. 437, effective December 28, 1988; amended in R89-1 at 13 Ill. Reg. 18354, effective November 13, 1989; amended in R90-2 at 14 Ill. Reg. 14447, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16498, effective September 25, 1990.

SUBPART K: SURFACE IMPOUNDMENTS

Section 725.321 Design Requirements

- a) The owner or operator of a surface impoundment must install two or more liners and leachate collection system in accordance with 35 Ill. Adm. Code 724.321(c), with respect to each new unit, replacement of an existing unit, or lateral expansion of an existing unit that is within the area identified in the Part A permit application, and with respect to waste received beginning May 8, 1985.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- b) The owner or operator of each unit referred to in subsection (a) must notify the Agency at least sixty days prior to receiving waste. The owner or operator of each facility submitting notice must file a Part B application within six months of the receipt of such notice.
- c) Subsection (a) will not apply if the owner or operator demonstrates to the Agency and the Agency finds for such surface impoundment, that alternative design and operating practices, together with location characteristics, will prevent the migration of any hazardous constituent into the groundwater or surface water at least as effectively as such liners and leachate collection systems.
- d) The double liner requirement set forth in subsection (a) may be waived by the Agency for any monofill, if:
- 1) The monofill contains only hazardous wastes from foundry furnace emission controls or metal casting molding sand, and such wastes do not contain constituents which would render the wastes hazardous for reasons other than the ~~EP~~- toxicity characteristic-~~S~~ in 35 Ill. Adm. Code 721.124, with USEPA hazardous waste numbers D004 through D017; and
 - 2) No migration demonstration.

A) Design and location requirements.

- i) The monofill has at least one liner for which there is no evidence that such liner ~~is~~ is leaking. For the purposes of this subsection the term "liner" means a liner designed, constructed, installed and operated to prevent hazardous waste from passing into the liner at any time during the active life of the facility, or a liner designed, constructed, installed and operated to prevent hazardous waste from migrating beyond the liner to adjacent subsurface soil, ~~ground-water~~ groundwater or surface water at any time during the active life of the facility. In the case of any surface impoundment which has been exempted from the requirements of subsection (a) of a liner designed, constructed, installed and operated to prevent hazardous waste from passing beyond the liner, at the closure of such impoundment the owner or operator must remove or decontaminate all waste residues, all contaminated liner material and contaminated soil to the extent practicable. If all contaminated soil ~~is~~ is not removed or decontaminated, the owner or operator of such impoundment must comply with

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- appropriate post-closure requirements, including but not limited to ~~ground-water~~ groundwater monitoring and corrective action
- ii) The monofill is located more than one-quarter mile from an underground source of drinking water (as that term is defined in 35 Ill. Adm. Code 702.110); and
 - iii) The monofill is in compliance with generally applicable ~~ground-water~~ groundwater monitoring requirements for facilities with RCRA permits; or,
- B) The owner or operator demonstrates to the Board that the monofill is located, designed and operated so as to assure that there will be no migration of any hazardous constituent into groundwater or surface water at any future time.
- e) In the case of any unit in which the liner and leachate collection system has been installed pursuant to the requirements of subsection (a) and in good faith compliance with subsection (a) and with guidance documents governing liners and leachate collection systems under subsection (a) no liner or leachate collection system which is different from that which was so installed pursuant to subsection (a) will be required for such unit by the Agency when issuing the first permit to such facility, except that the Agency will not be precluded from requiring installation of a new liner when the Agency finds that any liner installed pursuant to the requirements of subsection (a) is leaking.
 - f) Refusal to grant an exemption or waiver, or grant with conditions, maybe appealed to the Board.

(Source: Amended at 14 Ill. Reg. 16498, effective September 25, 1990)

SUBPART M: LAND TREATMENT

Section 725.373 Waste Analysis

In addition to the waste analyses required by ~~§~~-Section 725.113, before placing a hazardous waste in or on a land treatment facility, the owner or operator ~~must~~ shall:

- a) Determine the concentrations in the waste of any substances which equal or exceed the maximum concentrations contained in ~~Table 1 of §-35 Ill.~~ Adm. Code 721.124 that cause a waste to exhibit the ~~EP~~- toxicity characteristic;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- b) For any waste listed in ~~Part 721~~, 35 Ill. Adm. Code 721. Subpart D, determine the concentrations of any substances which caused the waste to be listed as a hazardous waste; and
- c) If food chain crops are grown, determine the concentrations in the waste of each of the following constituents: arsenic, cadmium, lead and mercury, unless the owner or operator has written, documented data that show that the constituent is not present.
- ~~COMMENT: Part-BOARD NOTE:~~ 35 Ill. Adm. Code 721 specifies the substances for which a waste is listed as a hazardous waste. As required by -§-Section 725.113 the waste analysis plan must include analyses needed to comply with -§-Sections 725.381 and 725.382. As required by -§-Section 725.173, the owner or operator -must- shall place the results from each waste analysis, or the documented information, in the operating record of the facility.

(Source: Amended at 14 Ill. Reg. 16498, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: LAND DISPOSAL RESTRICTIONS
- 2) Code Citation: 35 Ill. Adm. Code 728
- 3) Section Numbers: Adopted Action:
728.App. A Amendment
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.
- 5) Effective Date of Amendments: September 25, 1990
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Does this Amendment contain incorporations by reference? No.
- 8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 1990
- 9) Notice of Proposal Published in Illinois Register:
June 22, 1990; 14 Ill. Reg. 9764
- 10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.
- 11) Differences between proposal and final version:

Minor editorial differences.
- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.
- 13) Will this Amendment replace an emergency Amendment currently in effect?
No.
- 14) Are there any other amendments pending on this Part? No.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below. Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking moves the TCLP test to 35 Ill. Adm. Code 721.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE G: WASTE DISPOSAL

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 728

LAND DISPOSAL RESTRICTIONS

SUBPART A: GENERAL

Purpose, Scope and Applicability

Definitions

Dilution Prohibited as a Substitute for Treatment

Treatment Surface Impoundment Exemption

Procedures for case-by-case Extensions to an Effective Date

Petitions to Allow Land Disposal of a Waste Prohibited under

Subpart C

Waste Analysis

Landfill and Surface Impoundment Disposal Restrictions

SUBPART C: PROHIBITION ON LAND DISPOSAL

Waste Specific Prohibitions -- Solvent Wastes

Waste Specific Prohibitions -- Dioxin-Containing Wastes

Waste Specific Prohibitions -- California List Wastes

Waste Specific Prohibitions -- First Third Wastes

Waste Specific Prohibitions -- Second Third Wastes

Statutory Prohibitions

SUBPART D: TREATMENT STANDARDS

Section

728.140

728.141

728.142

728.143

728.144

Applicability of Treatment Standards

Treatment Standards expressed as Concentrations in Waste Extract

Treatment Standards expressed as Specified Technologies

Treatment Standards expressed as Waste Concentrations

Adjustment of Treatment Standard

SUBPART E: PROHIBITIONS ON STORAGE

Section

728.150

Prohibitions on Storage of Restricted Wastes

Table A

Table B

Appendix A

Appendix B

Appendix C

Constituent Concentrations in Waste Extract (CCME)

Constituent Concentrations in Waste (CCW)

Toxicity Characteristic Leaching Procedure (TCLP)

Treatment Standards (As concentrations in the Treatment Residual Extract)

List of Halogenated Organic Compounds

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R87-5 at 11 Ill. Reg. 19354, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13046, effective July 29, 1988; amended in R89-1 at 13 Ill. Reg. 18403, effective November 13, 1989; amended in R89-9 at 14 Ill. Reg. 6232, effective April 16, 1990; amended in R90-2 at 14 Ill. Reg. 14470, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16508, effective September 25, 1990.

Appendix A Toxicity Characteristic Leaching Procedure (TCLP)

~~The Board incorporates by reference 40 CFR 268, Appendix I (1988). This incorporation includes no future editions or amendments.~~ This Ill. Adm. Code 721. Appendix B, which incorporates by reference 40 CFR 261, Appendix II.

(Source: Amended at 14 Ill. Reg. 16508, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Operation and Record Keeping
- 2) Code Citation: 35 Ill. Adm. Code 607
- 3) Section Numbers:
607.101, 607.102
607.105, 607.106, 607. Appendix
Adopted Action:
Repealer
Repealer
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.
- 5) Effective Date of Amendment: September 20, 1990
- 6) Does this rulemaking contain an automatic repeal date? No.
- 7) Does this Amendment contain incorporations by reference? No.
- 8) Date filed in Board's Principal Office: Order adopted August 9, 1990
- 9) Notice of Proposal Published in Illinois Register:
December 1, 1989; 13 Ill. Reg. 18683
- 10) Has JCAR issued a Statement of Objections to these rules? No.

Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.
- 11) Differences between proposal and final version:

This was proposed as a repeal of the entire Part. However, Sections 607.103 and 607.104 will be retained. Since they are unchanged, they will not appear in this publication.
- 12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 17.5 of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.
- 13) Will this Amendment replace an emergency Amendment currently in effect? No

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

14) Are there any other amendments pending on this Part? No.

15) Summary and Purpose of Amendments:

A complete description is contained in the Board's Opinion of August 9, 1990, in R88-26, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

In R88-26, the Board is replacing much of its existing public water supply regulations in 35 Ill. Adm. Code 604 through 607 with a new Part 611, which will be "identical in substance" with USEPA rules at 40 CFR 141, as amended through June 30, 1989. The term "identical in substance" is defined in Section 7.2 of the Environmental Protection Act.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER I: POLLUTION CONTROL BOARD

PART 607

OPERATION AND RECORD KEEPING

Section
607.101
607.102
607.103
607.104
607.105
607.106
Appendix

Protection During Repair Work (Repealed)
Disinfection Following Repair or Reconstruction (Repealed)
Emergency Operation

Cross Connections
Laboratory Testing Equipment (Repealed)
Record Maintenance (Repealed)
References to Former Rules (Repealed)

AUTHORITY: Implementing Section 17 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1987, ch. 111 1/2, pars. 1017 and 1027).

SOURCE: Filed with Secretary of State January 1, 1978; amended and codified at 6 Ill. Reg. 11497 effective September 14, 1982; amended in R88-26 at 14 Ill. Reg. 16512, effective September 20, 1990.

Section 607.101 Protection During Repair Work (Repealed)

-All supplies repaired, reconstructed or altered shall be adequately protected to prevent contamination of the water at the source of in the system during such work.-

(Source: Repealed at 14 Ill. Reg. 16512, effective Sept. 20, 1990)

Section 607.102 Disinfection Following Repair or Reconstruction (Repealed)

-Any part of a supply which has been repaired, reconstructed, or altered shall be satisfactorily disinfected before being put into operation. The disinfection procedure must be specifically approved by the Environmental Protection Agency (Agency). Upon receipt of such approval, the supply may use the accepted disinfection procedure in the future, unless the Agency, for good cause, notifies the owner of a supply that such a procedure is no longer acceptable.-

(Source: Repealed at 14 Ill. Reg. 16512, effective Sept. 20, 1990)

Section 607.105 Laboratory Testing Equipment (Repealed)

- a) Each supply must have adequate laboratory equipment and capability to perform the operational tests (except bacteriological) appropriate

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

to the parameters to be tested and to the type of treatment employed. Such equipment must be in good operating condition, and the operator on duty must be familiar with the procedure for performing the tests.

b) If a supply performs laboratory examination of water to comply with the provisions of 35 Ill. Adm. Code 605, such work shall be done by a certified laboratory.

e) Nothing in this rule shall be construed to prevent a supply from running control laboratory tests in an uncertified laboratory. These results are not to be included in the sample quota for that supply, as required by 35 Ill. Adm. Code 605.

(Source: Repealed at 14 Ill. Reg. 16512, effective Sept. 20, 1990)

Section 607.106 Record Maintenance (Repealed)

-Any owner, operator or registered person in responsible charge of a supply subject to the provisions of this Chapter shall retain on its premises or at a convenient location near its premises the following records:

a) Records of bacteriological analyses made pursuant to these Rules shall be kept for not less than five years. Records of chemical analyses made pursuant to these Rules shall be kept for not less than ten years. Actual laboratory reports may be kept, or data may be transferred to tabular summaries, provided that the following information is included:

- 1) The date, place, and time of sampling, and the name of the person who collected the sample;
- 2) Identification of the sample as to whether it was a routine distribution system sample, check sample, raw or process water sample, or other special purpose sample;
- 3) Date of analysis;
- 4) Laboratory and person responsible for performing analysis;
- 5) The analytical technique/method used; and
- 6) The results of the analysis.

b) Records of action taken by the supply to correct violations of the Environmental Protection Act (Ill. Rev. Stat. 1981, ch. 11 1/2, pars. 1001 et seq.) and this Chapter shall be kept for a period not less than three years after the last action taken with respect to the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

particular violation involved.

e) Copies of any written reports, summaries or communications relating to sanitary surveys of the supply conducted by the supply itself, by a private consultant, or by any local, State or Federal agency, shall be kept for a period not less than ten years after completion of the sanitary survey involved.

d) Records concerning a variance granted to the supply shall be kept for a period ending not less than five years following the expiration of such variance.

(Source: Repealed at 14 Ill. Reg. 16512, effective Sept. 20, 1990)

APPENDIX References to Former Rules (Repealed)

-Chapter 6: Public Water Supplies 35 Ill. Adm. Code

Part III: Operation and Maintenance Part 607

Rule 310(6) Section 607.106
 Rule 311 Section 607.101
 Rule 312, Section 607.102
 Rule 313(A) Section 607.103
 Rule 314 Section 607.104
 Rule 315 Section 607.105-

(Source: Repealed at 14 Ill. Reg. 16512, effective Sept. 20, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

1) Heading of the Part: Primary Drinking Water Standards

2) Code Citation: 35 Ill. Adm. Code 611

3) Section Numbers:

611.100,	611.101,	611.102,	611.103,	611.108,	611.109
611.110,	611.111,	611.112,	611.113,	611.114,	611.115
611.120,	611.121,	611.125,	611.126,	611.201,	611.202
611.211,	611.212,	611.213,	611.220,	611.230,	611.231
611.232,	611.233,	611.240,	611.241,	611.242,	611.250
611.261,	611.262,	611.271,	611.272,	611.280,	611.290
611.300,	611.310,	611.311,	611.320,	611.325,	611.330
611.331,	611.480,	611.490,	611.491,	611.500,	611.521
611.522,	611.523,	611.524,	611.525,	611.526,	611.527
611.531,	611.532,	611.533,	611.560,	611.601,	611.602
611.603,	611.606,	611.607,	611.610,	611.641	
611.645,	611.648,	611.650,	611.657,	611.680,	611.683
611.684,	611.685,	611.686,	611.720,	611.731,	611.732
611.830,	611.831,	611.832,	611.833,	611.840,	611.851
611.852,	611.853,	611.854,	611.855,	611.856,	611.858
611.860,	611.870				

611. Appendix A, 611. Appendix B, 611. Appendix C
611. Table A, 611. Table B, 611. Table C

4) Statutory Authority: 111. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

5) Effective Date of Amendment: September 20, 1990

6) Does this rulemaking contain an automatic repeal date?: No.

7) Does this Amendment contain incorporations by reference?

Yes. Section 611.102 contains incorporations by reference. 111. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5 provides that Section 5 of the APA shall not apply to this rulemaking.

8) Date filed in Board's Principal Office: Order adopted August 9, 1990

9) Notice of Proposal published in Illinois Register:

December 1, 1989; 13 111. Reg. 18690

10) Has JCER issued a Statement of Objections to these rules? No.

Section 17.5 of the Environmental Protection Act (111. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCER.

11) Differences between proposal and final version:

611.100 References added to Public Health rules in 77 Ill. Adm. Code 900. Text of Proposed Section 611.110 moved to Section 611.100(d).

611.101 Definition of "CWS" moved out of "PWS".

"groundwater supply survey"

Dropped. See Section 611.657(c).

Moved to Section 611.121.

"supplier"

This term has been substituted for "PWS" or "CWS" where the owner or operator is intended, as opposed to the system itself. Also, the definition has been clarified with respect to the "official custodian".

"RDC"

For purposes of maintaining a residual in the distribution system, "RDC" means a residual of free or combined chlorine.

"TU"

"NTU" has been substituted for "TU".

"wellhead protection program"

Reference added to the "groundwater protection needs assessment" in Section 17.1 of the Act.

611.102

Out of print publications have been cited for many ASTM methods. Also, out of print editions of "Standard Methods for the Examination of Waste and Wastewater" have been cited.

"Indigo Method" is now cited to the 17th Edition of Standard Methods.

Final version of the USEPA Guidance Manual for Filtration and Disinfection is now cited.

Citations to journal articles have been dropped.

Severability clause added.

"Special exception permit" added as a vehicle for

611.103

611.110

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Agency decisions.

611.111(g)

Definition of "URTH" added.

611.114

Definition of "significant risk" from earthquakes added.

611.115

Moved from proposed Section 611.131(e) -(g).

611.121

Moved from definition of "MCL" in proposal.

611.124

Cross connections rule left in Section 607.104.

611.201 et seq.

Sections through Section 611.300 have been renumbered.

Proposed Sections 611.128(d) and (e) have been moved to Section 611.201 and 611.202. However, much of the contents has been replaced with the more general "special exception permit" procedure of Section 611.110.

611.212

Temperature range of 2 C° replaced by 9 F°. Reference to Method 912K replaced with reference to particulate method in final version of Guidance Manual.

611.213

Introductory language and third condition added for "no HPC" determination.

611.220

Statutory reference for operator certification added.

611.231

Proposed Sections 611.231(c) and (d) moved to Section 611.115.

611.232

Repeated language in Proposal deleted.

611.240(g)

Narrowed to apply only to groundwater sources not under the direct influence of surface water.

611.261

Error in formula corrected.

611.262

Annual reports replaced with monthly reports.

611.272

Disinfection of equipment specified.

611.300 et seq.

MCLs and revised MCLs have been consolidated. MCLGs have been dropped.

Additional State requirements apply only to CWSs.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Non-CWSs are subject to Department of Public Health regulations.

Secondary fluoride standard added.

THM standard modified to reflect R84-12.

Moved from proposed Section 611.340. Name changed to "VOCs".

"TU" replaced with "NTU".

Moved from proposed Section 611.360.

Modified to allow analyses performed by USEPA-certified labs. Also modified to more clearly reflect the usual situation in which IEPA labs perform the analysis.

Table moved to Table A, at the end of the Part. Department of Public Health procedures referenced.

Agency may grant case-by-case waivers of repeat samples following a coliform positive. Sanitary surveys may not be delegated to local government.

PWS need not notify the Agency if original sample analyzed by the Agency.

Simple analyses may be performed "under the supervision" of a certified operator. "Deemed certified" for fecal coliform and HPC language dropped.

Table moved to Table C.

Proposed Section 611.492 and 611.493 moved to Section 611.602 and 611.603.

Analytical methods modified to reference out of date methods.

Reference to 35 Ill. Adm. Code 193.125(c)(3) added.

Proposed corrosivity monitoring dropped.

Groundwater sources may use any data collected since 1983 consistent with this Section.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 611.630 THM monitoring modified consistent with R84-12.
- 611.851 Delayed effective date for reporting of waterborne disease outbreaks dropped.
- 611.852 Provision regarding "minor monitoring violations" dropped.
- 611.853 Reporting required if fluoride exceeds secondary standard.
- 611.861 Public notice of lead contamination dropped.
- Tables A - C Moved from text of rules.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 17.5 of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

13) Will this Amendment replace an emergency Amendment currently in effect? No

14) Are there any other amendments pending on this Part? No.

15) Summary and Purpose of Amendments:

A complete description is contained in the Board's Opinion of August 9, 1990, in R88-26, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

In R88-26, as required by Section 17.5 of the Environmental Protection Act, the Board is replacing much of its existing public water supply regulations in 35 Ill. Adm. Code 604 through 607 with a new Part 611, which will be "identical in substance" with USEPA rules at 40 CFR 141, amended through June 30, 1989. The term "identical in substance" is defined in Section 7.2 of the Environmental Protection Act.

These rules apply to "public water supplies" ("PWSS"), including both "community water supplies" ("CWSS") and "non-CWSS". The latter are subject to additional regulations promulgated by the Department of Public Health.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

The USEPA rules include large numbers of decisions which must be made by the State pursuant to an approved program. The Board has adopted rules which provide that most of these decisions are to be made by the Illinois Environmental Protection Agency, by way of "special exception permit". (Section 611.110) However, the rules specify that a few of these are to be made by the Board pursuant to the variance or adjusted standards procedures. (For example, see Section 611.111)

The existing public water supply regulations include regulations which are consistent with and more stringent than the USEPA regulations. Pursuant to Section 7.2(a)(6) of the Environmental Protection Act, Board has proposed to move these into Part 611 so that they will appear alongside the USEPA-derived provisions. These are marked as "additional State requirements" through the use of "Board Notes".

The USEPA rules include new filtration and disinfection rules which appeared in the June 29, 1989 Federal Register. These are reflected in Sections 611.201 et seq. The Board has in Section 611.240 adopted these rather than to retain the existing chlorination requirement as a "more stringent" requirement. Exemptions from the disinfection requirement are allowed only from "groundwater sources not under the direct influence of surface water" which meet the additional criteria of Section 17(b) of the Environmental Protection Act.

The Maximum Contaminant Levels (MCLs) are specified in Section 611.300 et seq. The existing Board rules include consistent, more stringent MCL's, which have been moved into these Sections. Such provisions have been marked with asterisks or Board Notes. The USEPA "revised MCLs" have been consolidated with the MCLs, and the USEPA "MCLGs" have been dropped. The existing Board rules include a more stringent standard for fluoride. However, Section 17.6 of the Environmental Protection Act requires that the Board standard be the same as the USEPA standard.

Each MCL, whether of USEPA or State origin, has associated monitoring, analytical, reporting and public notification requirements. Generally the Board has determined stringency with respect to the MCL's, and then retained the requirements associated with the more stringent MCL.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

TITLE 35: ENVIRONMENTAL PROTECTION
 SUBTITLE F: PUBLIC WATER SUPPLIES
 CHAPTER 1: POLLUTION CONTROL BOARD

PART 611
 PRIMARY DRINKING WATER STANDARDS

SUBPART A: GENERAL

Section	Purpose, Scope and Applicability
611.100	Definitions
611.101	Incorporations by Reference
611.102	Severability
611.103	Delegation to Local Government
611.108	Enforcement
611.109	Special Exception Permits
611.110	Section 1415 Variances
611.111	Section 1416 Variances
611.112	Alternative Treatment Techniques
611.113	Siting requirements
611.114	Source Water Quality
611.115	Effective dates
611.120	Maximum Contaminant Levels
611.121	Fluoridation Requirement
611.125	Prohibition on Use of Lead
611.126	

SUBPART B: FILTRATION AND DISINFECTION

Section	Requiring a Demonstration
611.201	Procedures for Agency Determinations
611.202	Filtration Required
611.211	Groundwater under Direct Influence of Surface Water
611.212	No Method of HPC Analysis
611.213	General Requirements
611.220	Filtration Effective Dates
611.230	Source Water Quality Conditions
611.231	Site-specific Conditions
611.232	Treatment Technique Violations
611.233	Disinfection
611.240	Unfiltered PWSS
611.241	Filtered PWSS
611.242	Filtration
611.250	Unfiltered PWSS: Reporting and Recordkeeping
611.261	Filtered PWSS: Reporting and Recordkeeping
611.262	Protection during Repair Work
611.271	Disinfection following Repair
611.272	

SUBPART C: USE OF NON-CENTRALIZED TREATMENT DEVICES

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section	Point-of-Entry Devices
611.280	Use of other Non-centralized Treatment Devices
611.290	

SUBPART F: MAXIMUM CONTAMINANT LEVELS (MCL's)

Section	Inorganic Chemicals
611.300	Organic Chemicals
611.310	VOCs
611.311	Turbidity
611.320	Microbiological Contaminants
611.325	Radium and Gross Alpha Particle Activity
611.330	Beta Particle and Photon Radioactivity
611.331	

SUBPART K: GENERAL MONITORING AND ANALYTICAL REQUIREMENTS

Section	Alternative Analytical Techniques
611.480	Certified Laboratories
611.490	Laboratory Testing Equipment
611.491	Consecutive PWSS
611.500	

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section	Routine Coliform Monitoring
611.521	Repeat Coliform Monitoring
611.522	Invalidation of Total Coliform Samples
611.523	Sanitary Surveys
611.524	Fecal Coliform and E. Coli Testing
611.525	Analytical Methodology
611.526	Response to Violation
611.527	Analytical Requirements
611.531	Unfiltered PWSS
611.532	Filtered PWSS
611.533	

SUBPART M: TURBIDITY MONITORING AND ANALYTICAL REQUIREMENTS

Section	Turbidity
611.560	

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section	Requirements
611.601	Violation of State MCL
611.602	Frequency of State Monitoring
611.603	Analytical Methods
611.606	Fluoride Monitoring
611.607	Special Monitoring for Sodium
611.610	

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section

611.641 Sampling and Analytical Requirements
 611.645 Analytical Methods
 611.648 Sampling for VOCs
 611.650 Monitoring for 36 Contaminants
 611.657 Analytical Methods for 36 Contaminants

SUBPART P: THM MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.680 Sampling, Analytical and other Requirements
 611.683 Reduced Monitoring Frequency
 611.684 Averaging
 611.685 Analytical Methods
 611.686 Modification to System

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section
 611.720 Analytical Methods
 611.731 Gross Alpha
 611.732 Manmade Radioactivity

SUBPART T: REPORTING, PUBLIC NOTIFICATION AND RECORDKEEPING

Section
 611.830 Applicability
 611.831 Monthly Operating Report
 611.832 Notice by Agency
 611.833 Cross Connection Reporting
 611.840 Reporting
 611.851 Reporting MCL and other Violations
 611.852 Reporting other Violations
 611.853 Notice to New Billing Units
 611.854 General Content of Public Notice
 611.855 Mandatory Health Effects Language
 611.856 Fluoride Notice
 611.858 Fluoride Secondary Standard
 611.860 Record Maintenance
 611.870 List of 36 Contaminants

Appendix A Mandatory Health Effects Information
 Appendix B Percent Inactivation of G. Lamblia Cysts
 Appendix C Common Names of Organic Chemicals
 Table A Total Coliform Monitoring Frequency
 Table B Fecal or Total Coliform Density Measurements
 Table C Frequency of RDC Measurement

AUTHORITY: Implementing Sections 17 and 17.5 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

SOURCE: Adopted in R88-26 at 14 Ill. Reg. 16517, effective Sept. 20, 1990.

SUBPART A: GENERAL

Section 611.100 Purpose, Scope and Applicability

a) This Part satisfies the requirement of Section 17.5 of the Environmental Protection Act (Act) (Ill. Rev. Stat. 1988 Supp., ch. 111 1/2, par. 1001 et seq.) that the Board adopt regulations which are identical in substance with federal regulations promulgated by the United States Environmental Protection Agency (USEPA) pursuant to Sections 1412(b), 1414(c), 1417(a) and 1445(a) of the Safe Drinking Water Act (SDWA) (42 U.S.C. 300f et seq.)

b) This Part establishes primary drinking water regulations (NPDWRs) pursuant to the SDWA, and also includes additional, related State requirements which are consistent with and more stringent than the USEPA regulations (Section 7.2(a)(6) of the Act). The latter provisions are specifically marked as "additional State requirements". They apply only community water systems (CWSs).

c) This Part applies to "suppliers", owners and operators of "public water systems" ("PWSs"). PWSs include CWSs, "non-community water systems" ("non-CWSs") and "non-transient non-community water systems" ("NTNCWSs"), as these terms are defined in Section 611.101.

1) CWS suppliers are required to obtain permits from the Illinois Environmental Protection Agency (Agency) pursuant to 35 Ill. Adm. Code 602.

2) Non-CWS suppliers are subject to additional regulations promulgated by the Illinois Department of Public Health (Public Health) pursuant to Ill. Rev. Stat. 1989, ch. 111 1/2, par. 7459, including 77 Ill. Adm. Code 900.

3) Non-CWS suppliers are not required to obtain permits or other approvals from the Agency, or to file reports or other documents with the Agency. Any provision in this Part so providing is to be understood as requiring the non-CWS supplier to obtain the comparable form of approval from, or to file the comparable report or other document with Public Health.

BOARD NOTE: Derived from 40 CFR 141.1 (1989).

d) This Part applies to each PWS, unless the PWS meets all of the following conditions:

- 1) Consists only of distribution and storage facilities (and does not have any collection and treatment facilities);
- 2) Obtains all of its water from, but is not owned or operated by, a supplier to which such regulations apply;
- 3) Does not sell water to any person; and
- 4) Is not a carrier which conveys passengers in interstate commerce.

BOARD NOTE: Derived from 40 CFR 141.3 (1989).

- e) Some subsection labels have been omitted in order to maintain local consistency between USEPA subsection labels and the subsection labels in this Part.

Section 611.101 Definitions

As used in this Part, the term:

"Act" means the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1001 et seq.)

"Agency" means the Illinois Environmental Protection Agency.

"Best available technology" or "BAT" means the best technology, treatment techniques or other means which USEPA has found are available for the contaminant in question. BAT is specified in Subpart G.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Board" means the Illinois Pollution Control Board.

"CAS No" means "Chemical Abstracts Services Number".

"CT" or "CTcalc" is the product of "residual disinfectant concentration" (RDC or C) in mg/L determined before or at the first customer, and the corresponding "disinfectant contact time" (T) in minutes. If a supplier applies disinfectants at more than one point prior to the first customer, it shall determine the CT of each disinfectant sequence before or at the first customer to determine the total percent inactivation or "total inactivation ratio". In determining the total inactivation ratio, the supplier shall determine the RDC of each disinfection sequence and corresponding contact time before any subsequent disinfection application point(s). (See "CT99.9")

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"CT99.9" is the CT value required for 99.9 percent (3-log) inactivation of *Giardia lamblia* cysts. CT99.9 for a variety of disinfectants and conditions appear in Tables 1.1-1.6, 2.1 and 3.1 of Appendix B. (See "Inactivation Ratio".)

BOARD NOTE: Derived from the definition of "CT" in 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Coagulation" means a process using coagulant chemicals and mixing by which colloidal and suspended materials are destabilized and agglomerated into flocs.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Community Water System" ("CWS") means a PWS which serves at least 15 service connections used by year-round residents or regularly serves at least 25 year-round residents.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Confluent growth" means a continuous bacterial growth covering the entire filtration area of a membrane filter or a portion thereof, in which bacterial colonies are not discrete.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

"Contaminant" means any physical, chemical, biological or radiological substance or matter in water.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Conventional filtration treatment" means a series of processes including coagulation, flocculation, sedimentation and filtration resulting in substantial particulate removal.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Diatomaceous earth filtration" means a process resulting in substantial particulate removal in which:

A precoat cake of diatomaceous earth filter media is deposited

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

on a support membrane (septum); and

While the water is filtered by passing through the cake on the septum, additional filter media known as body feed is continuously added to the feed water to maintain the permeability of the filter cake.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Direct filtration" means a series of processes including coagulation and filtration but excluding sedimentation resulting in substantial particulate removal.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Disinfectant" means any oxidant, including but not limited to chlorine, chlorine dioxide, chloramines and ozone added to water in any part of the treatment or distribution process, that is intended to kill or inactivate pathogenic microorganisms.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Disinfectant contact time" ("T") means the time in minutes that it takes for water to move from the point of disinfectant application or the previous point of RDC measurement to a point before or at the point where RDC is measured.

Where only one RDC is measured, T is the time in minutes that it takes for water to move from the point of disinfectant application to a point before or at where RDC is measured.

Where more than one RDC is measured, T is:

For the first measurement of RDC, the time in minutes that it takes for water to move from the first or only point of disinfectant application to a point before or at the point where the first RDC is measured and

For subsequent measurements of RDC, the time in minutes that it takes for water to move from the previous RDC measurement point to the RDC measurement point for which the particular T is being calculated.

T in pipelines must be calculated based on "plug flow" by dividing the internal volume of the pipe by the maximum hourly

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

flow rate through that pipe.

T within mixing basins and storage reservoirs must be determined by tracer studies or an equivalent demonstration.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Disinfection" means a process which inactivates pathogenic organisms in water by chemical oxidants or equivalent agents.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Domestic or other non-distribution system plumbing problem" means a coliform contamination problem in a PWS with more than one service connection that is limited to the specific service connection from which the coliform-positive sample was taken.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

"Dose equivalent" means the product of the absorbed dose from ionizing radiation and such factors as account for differences in biological effectiveness due to the type of radiation and its distribution in the body as specified by the International Commission on Radiological Units and Measurements (ICRU).

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Filtration" means a process for removing particulate matter from water by passage through porous media.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Flocculation" means a process to enhance agglomeration or collection of smaller floc particles into larger, more easily settleable particles through gentle stirring by hydraulic or mechanical means.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"GC" means "gas chromatography" or "gas-liquid phase chromatography".

"GC/MS" means GC followed by mass spectrometry.

"Gross alpha particle activity" means the total radioactivity due to

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

alpha particle emission as inferred from measurements on a dry sample.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Gross beta particle activity" means the total radioactivity due to beta particle emission as inferred from measurements on a dry sample.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Groundwater under the direct influence of surface water" is as determined in Section 611.211.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Halogen" means one of the chemical elements chlorine, bromine or iodine.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"HPC" means "heterotrophic plate count", measured as specified in Section 611.531(c).

"Inactivation Ratio" (Ai) means:

$$Ai = CTcalc/CT99.9$$

The sum of the inactivation ratios, or "total inactivation ratio" (B) is calculated by adding together the inactivation ratio for each disinfection sequence:

$$B = \sum(Ai)$$

A total inactivation ratio equal to or greater than 1.0 is assumed to provide a 3-log inactivation of *Giardia lamblia* cysts.

BOARD NOTE: Derived from the definition of "CT" in 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Legionella" means a genus of bacteria, some species of which have caused a type of pneumonia called Legionnaires Disease.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Man-made beta particle and photon emitters" means all radionuclides

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

emitting beta particles and/or photons listed in Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure, NCRP Report Number 22, incorporated by reference in Section 611.102, except the daughter products of thorium-232, uranium-235 and uranium-238.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Maximum contaminant level" ("MCL") See Section 611.121

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Maximum Total Trihalomethane Potential (MTP)" means the maximum concentration of total THMs produced in a given water containing a disinfectant residual after 7 days at a temperature of 25 deg. C or above.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Near the first service connection" means at one of the 20 percent of all service connections in the entire system that are nearest the PWS treatment facility, as measured by water transport time within the distribution system.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

"Non-community water system" ("non-CWS") means a PWS which is not a CWS.

BOARD NOTE: Derived from the definition of "public water system" in 40 CFR 141.2 (1989).

"Non-transient non-community water system" ("NTNCWS") means a PWS that is not a CWS and that regularly serves at least 25 of the same persons over 6 months per year.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"NPDR" means "national primary drinking water regulation".

"NTU" means "nephelometric turbidity units".

"P-A Coliform Test" means "Presence-Absence Coliform Test".

"Performance evaluation sample" means a reference sample provided to a laboratory for the purpose of demonstrating that the laboratory can successfully analyze the sample within limits of performance

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

specified by the Agency, or, for non-CWSs, Public Health. The true value of the concentration of the reference material is unknown to the laboratory at the time of the analysis.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Person" means an individual, corporation, company, association, partnership, State, unit of local government or federal agency.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"PicoCurie (pCi)" means the quantity of radioactive material producing 2.22 nuclear transformations per minute.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Point of disinfectant application" is the point at which the disinfectant is applied and downstream of which water is not subject to recontamination by surface water runoff.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Point-of-entry treatment device" is a treatment device applied to the drinking water entering a house or building for the purpose of reducing contaminants in the drinking water distributed throughout the house or building.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Point-of-use treatment device" is a treatment device applied to a single tap used for the purpose of reducing contaminants in drinking water at that one tap.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Public Health" means the Illinois Department of Public Health.

"Public water system" ("PWS") means a system for the provision to the public of piped water for human consumption, if such system has at least fifteen service connections or regularly serves an average of at least twenty-five individuals daily at least 60 days out of the year. Such term includes:

Any collection, treatment, storage and distribution facilities under control of the operator of such system and used primarily in connection with such system, and;

ILLINOIS REGISTER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Any collection or pretreatment storage facilities not under such control which are used primarily in connection with such system.

A PWS is either a "CWS" or a "nonCWS."

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Rem" means the unit of dose equivalent from ionizing radiation to the total body or any internal organ or organ system. A "millirem (mrem)" is 1/1000 of a rem.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Residual disinfectant concentration" ("RDC" or "C" in CT calculations) means the concentration of disinfectant measured in mg/L in a representative sample of water.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"SDWA" means the Public Health Service Act, as amended by the Safe Drinking Water Act, Pub. L. 93-523, 42 U.S.C. 300f et seq.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Sanitary survey" means an onsite review of the water source, facilities, equipment, operation and maintenance of a PWS for the purpose of evaluating the adequacy of such source, facilities, equipment, operation and maintenance for producing and distributing safe drinking water.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Sedimentation" means a process for removal of solids before filtration by gravity or separation.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Slow sand filtration" means a process involving passage of raw water through a bed of sand at low velocity (generally less than 0.4 m/h) resulting in substantial particulate removal by physical and biological mechanisms.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Standard sample" means the aliquot of finished drinking water that

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

is examined for the presence of coliform bacteria.

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Supplier of water" or "supplier" means any person who owns or operates a PWS. This term includes the "official custodian".

BOARD NOTE: Derived from 40 CFR 141.2 (1989).

"Surface water" means all water which is open to the atmosphere and subject to surface runoff.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"System with a single service connection" means a system which supplies drinking water to consumers via a single service line.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27562 June 29, 1989.

"Too numerous to count" means that the total number of bacterial colonies exceeds 200 on a 47-mm diameter membrane filter used for coliform detection.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

"Total trihalomethanes" (TTHM) means the sum of the concentration of THMs, in mg/L, rounded to two significant figures.

BOARD NOTE: Derived from the definition of "total trihalomethanes" in 40 CFR 141.2 (1989).

"Trihalomethane" (THM) means one of the family of organic compounds, named as derivatives of methane, in which three of the four hydrogen atoms in methane are each substituted by a halogen atom in the molecular structure. The THMs are:

Trichloromethane (chloroform),

Dibromochloromethane,

Bromodichloromethane and

Tribromomethane (bromoform)

BOARD NOTE: Derived from the definitions of "total

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

trihalomethanes" and "trihalomethanes" in 40 CFR 141.2 (1989).

"Virus" means a virus of fecal origin which is infectious to humans by waterborne transmission.

"VOC" means "volatile organic chemical".

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Waterborne disease outbreak" means the significant occurrence of acute infectious illness, epidemiologically associated with the ingestion of water from a PWS which is deficient in treatment, as determined by the appropriate local or State agency.

BOARD NOTE: Derived from 40 CFR 141.2 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

"Wellhead Protection Program" means the wellhead protection program for the State of Illinois, approved by USEPA under Section 1428 of the SDWA.

BOARD NOTE: Derived from 40 CFR 141.71(b) (1989), adopted at 54 Fed. Reg. 27526, June 29, 1989. The wellhead protection program will include the "groundwater protection needs assessment" under Section 17.1 of the Act, and regulations to be adopted in 35 Ill. Adm. Code 615 et seq.

Section 611.102 Incorporations by Reference

- a) Abbreviations. The following abbreviated names are used for materials incorporated by reference:

"AEP-1 Polymer" is available from Advanced Polymer Systems.

"ASTM" means American Society for Testing and Materials

"Indigo method" is as described in "Standard Methods", 17th Edition, Method 4500-03 B.

"Inductively Coupled Plasma Method" means "Inductively Coupled Plasma-Atomic Emission Spectrometric Method for Trace Element Analysis in Water and Wastes -- Method 200.7, with appendix" See 40 CFR 136, Appendix C.

"Inorganic Methods" means "Methods for Chemical Analysis of Water and Wastes", available from NTIS

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

"Microbiological Methods" means "Microbiological Methods for Monitoring the Environment, Water and Wastes", available from NTIS.

"NCRP" means "National Council on Radiation Protection".

"NTIS" means "National Technical Information Service".

"Organic Methods" means "Methods for the Determination of Organic Compounds in Drinking Water", available from USEPA.

"Pesticide Methods" means "Methods for Organochlorine Pesticides and Chloro-phenoxy Acid Herbicides in Drinking Water and Raw Source Water", available from USEPA.

"Radiochemical Methods" means "Interim Radiochemical Methodology for Drinking Water", available from NTIS.

"SPE Test Method" means "Solid Phase Extraction Test Method", available from J.T. Baker Chemical Company.

"Standard Methods" means "Standard Methods for the Examination of Water and Wastewater", available from the American Waterworks Association.

"Technicon Methods" means "Fluoride in Water and Wastewater", available from Technicon.

"USGS Method" means "United States Geological Survey Method"

b) The Board incorporates the following publications by reference:

ASTM. American Society for Testing and Materials, 1976 Race Street, Philadelphia, PA 19103

ASTM Method D859-88, "Standard Test Methods for Manganese in Water", approved August 19, 1988.

ASTM Method D992-71

ASTM Method D1067-88, "Standard Test Methods for Acidity or Alkalinity of Water", approved August 19, 1988.

ASTM Method D1126-86, "Standard Test Method for Hardness in Water", approved August 29, 1988.

ASTM Method D1179-72A or B "Standard Test Methods for Fluoride in Water".

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

ASTM Method D1293-84, "Standard Test Methods for pH of Water", approved October 26, 1984.

ASTM Method D1428-64, "Standard Test Methods for Sodium and Potassium in Water and Water-Formed Deposits by Flame Photometry".

ASTM Method D1687-77D, "Standard Test Methods for Chromium in Water".

ASTM Method D1688-84D or E, "Standard Test Methods for Copper in Water".

ASTM Method D1889-88a, "Standard Test Method for Turbidity of Water", approved June 24, 1988.

ASTM Method D2459-72, "Standard Test Method for Gamma Spectrometry in Water," 1975, reapproved 1981, discontinued 1988.

ASTM Method D2907-83, "Standard Test Methods for Microquantities of Uranium in Water by Fluorometry", approved May 27, 1983.

ASTM Method D2972-78A or B, "Standard Test Methods for Arsenic in Water".

ASTM Method D3086-79, "Standard Test Methods for Organochlorine Pesticides in Water".

ASTM Method D3223-79, "Standard Test Method for Total Mercury in Water".

ASTM Method D3478-85, "Standard Test Method for Chlorinated Phenoxy Acid Herbicides in Water", approved November 29, 1985.

ASTM Method D3557-78A or B, "Standard Test Methods for Cadmium in Water".

ASTM Method D3559-78A or B, "Standard Test Methods for Lead in Water".

ASTM Method D3859-79, "Standard Test Methods for Selenium in Water".

ASTM Method D3867-79A or B, "Standard Test Methods for

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Nitrite-Nitrate in Water".

American Waterworks Association et al., 6666 West Quincy Ave.,
Denver, CO 80235 (303) 794-7711

Standard Methods for the Examination of Water and
Wastewater, 13th Edition, 1971.

Methods 302, 303, 304, 305 and 306

Standard Methods for the Examination of Water and
Wastewater, 14th Edition, 1976.

Methods 301A II, III, IV, VI and VII

Method 325B

Method 404A and B(4)

Method 419C and D

Method 509A and B

Method 605

Standard Methods for the Examination of Water and
Wastewater, 16th Edition, 1985.

Method 43A and C

Method 212

Method 214A

Methods 303A and B

Method 304

Method 408C, D, E and F

Method 410B and C

Method 412D

Method 413 B and E

Method 423

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Method 907A

Method 908, 908A, B, C, D and E

Method 909, 909A, B and C

Method 912K

Standard Methods for the Examination of Water and
Wastewater, 17th Edition, 1989.

Advanced Polymer Systems, 3696 Haven Avenue, Redwood City, CA
94063 415/ 366-2626:

AEPA-1 Polymer. See 40 CFR 141.22(a). Also, as referenced
in ASTM D1889.

ERDA Health and Safety Laboratory, New York, NY

HASL Procedure Manual, HASL 300, 1973. See 40 CFR
141.25(b)(2).

J.T. Baker Chemical Company, 22 Red School Lane, Phillipsburg,
NJ 08865:

Solid Phase Extract (SPE) Test Method Number SPE-550. See
40 CFR 141.24(e), footnote 6.

NCRP. National Council on Radiation Protection, 7910 Woodmont
Ave., Bethesda, MD (301) 657-2652.

"Maximum Permissible Body Burdens and Maximum Permissible
Concentrations of Radionuclides in Air and in Water for
Occupational Exposure", NCRP Report Number 22, June 5,
1959.

NTIS. National Technical Information Service, 5285 Port Royal
Road, Springfield, VA 22161. (703) 487-4600.

"Methods of for Chemical Analysis of Water and Wastes", J.
Kopp and D. McGee, Third Edition, March, 1979. EPA-600/4-
79-020, Doc. No. PB84-128677

"Microbiological Methods for Monitoring the Environment:
Water and Wastes", R. Bodner and J. Winter, 1978. EPA-
600/8-78-017, Doc. No. PB290-329/LP

"Procedures for Radiochemical Analysis of Nuclear Reactor

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

"Aqueous Solutions", H.L. Krieger and S. Gold, EPA-R4-73-014, May, 1973, Doc. No. PB222-154/7BA

Technicon Industrial Systems, Tarrytown, NY 10591

"Fluoride in Water and Wastewater", Industrial Method #129-71W, December, 1972 See 40 CFR 141.23(f)(10), footnotes 6 and 7.

"Fluoride in Water and Wastewater", #380-75WE, February, 1976. See 40 CFR 141.23(f)(10), footnotes 6 and 7.

United States Environmental Protection Agency, (202) 382-4359

"The Analysis of Trihalomethanes in Drinking Waters by the Purge and Trap Method". Method 501.1. See 40 CFR 141, Subpart C, Appendix C.

"The Analysis of Trihalomethanes in Drinking Water by Liquid/Liquid Extraction," Method 501.2 See 40 CFR 141, Subpart C, Appendix C.

"Inductively Coupled Plasma-Atomic Emission Spectrometric Method for Trace Element Analysis in Water and Wastes -- Method 200.7, with Appendix to Method 200.7" entitled,

"Inductively Coupled Plasma-Atomic Emission Analysis of Drinking Water", March 1987. See 40 CFR 136, Appendix C.

"Interim Radiochemical Methodology for Drinking Water", EPA-600/4-75-008 (Revised) March, 1976.

"Methods for the Determination of Organic Compounds in Drinking Water", EPA/600/4-88/039, December, 1988.

"Methods for Organochlorine Pesticides and Chloro-phenoxy Acid Herbicides in Drinking Water and Raw Source Water"

"Methods of for Chemical Analysis of Water and Wastes". See NTIS

Microbiological Methods for Monitoring the Environment, Water and Wastes". See NTIS

"Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions". See NTIS

United States Environmental Protection Agency, Science and Technology Branch, Criteria and Standards Division, Office of

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Drinking Water, Washington D.C. 20460

"Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources", October, 1989

USGS. United States Geological Survey.

Techniques of Water-Resources Investigation of the United States Geological Survey:

Book 5, Chapter A-1, "Methods for Determination of Inorganic substances in Water and Fluvial Sediments", 1979

Book 5, Chapter A-3, "Methods for Analysis of Organic Substances in Water," 1971

c) The Board incorporates the following federal regulations by reference:

40 CFR 136, Appendix B and C (1989)

40 CFR 141.22(a) (1989)

40 CFR 141.23(f)(10), footnotes 6 and 7 (1989)

40 CFR 141.24(e), footnote 6 (1989)

40 CFR 141.25(b)(2) (1989)

40 CFR 141, Subpart C, Appendix C (1989).

d) This Part incorporates no future amendments or editions.

Section 611.103 Severability

If any provision of this Part is adjudged invalid, or if its application to any person or in any circumstance is adjudged invalid, such invalidity does not affect the validity of this Part as a whole, or any other Subpart, Section, subsection, sentence or clause not adjudged invalid.

Section 611.108 Delegation to Local Government

The Agency may delegate portions of its inspection, investigating and enforcement functions to units of local government pursuant to Section 4(r) of the Act.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section 611.109 Enforcement

- a) Any person may file an enforcement action pursuant to Title VIII of the Act.
- b) The results of monitoring required under this Part may be used in an enforcement action.

BOARD NOTE: Derived from 40 CFR 141.22(e) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989, and from 40 CFR 141.23(a)(4) (1989).

Section 611.110 Special Exception Permits

- a) Unless otherwise specified, each Agency determination in this Part is to be made by way of a written permit pursuant to Section 39(a) of the Act. Such permit is titled a "special exception" permit.
- b) No person shall cause or allow the violation of any condition of a special exception permit.
- c) The supplier may appeal the denial of or the conditions of a special exception permit to the Board pursuant to Section 40 of the Act.

Section 611.111 Section 1415 Variances

This Section is intended as a State equivalent of Section 1415(a)(1)(A) of the SDWA.

- a) The Board may grant a supplier a variance from a NPDR in this Part.
 - 1) The supplier shall file a variance petition pursuant to 35 Ill. Adm. Code 104, except as modified or supplemented by this Section.
 - 2) The Board may grant a variance from the additional State requirements in this Part without following this Section.
- b) As part of the showing of arbitrary or unreasonable hardship, the supplier shall demonstrate that:
 - 1) Because of characteristics of the raw water sources which are reasonably available to the system, the supplier cannot meet the MCL or other requirement; and
 - 2) The system has applied BAT as identified in Subpart G. BAT may vary depending on:
 - A) The number of persons served by the system;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- B) Physical conditions related to engineering feasibility; and
- C) Costs of compliance; and
- 3) The variance will not result in an unreasonable risk to health, as defined in subsection (g).
- c) The Board will prescribe a schedule for:
 - 1) Compliance, including increments of progress, by the supplier, with each MCL or other requirement with respect to which the variance was granted, and
 - 2) Implementation by the supplier of each additional control measure for each MCL or other requirement, during the period ending on the date compliance with such requirement is required.
- d) A schedule of compliance will require compliance with each MCL or other requirement with respect to which the variance was granted as expeditiously as practicable.
- e) The Board will provide notice and opportunity for a public hearing as provided in 35 Ill. Adm. Code 104.
- f) The Board will not grant a variance from the MCL for total coliforms or from any of the treatment technique requirements of Subpart B.
- g) As used in this Section and Section 611.112, "unreasonable risk to health level" ("URTH level") means the concentration of a contaminant which will cause a serious health effect within the period of time specified in the variance or exemption requested by a supplier seeking to come into compliance by installing the treatment required to reduce the contaminant to the MCL. URTH determinations are made on the basis of the individual contaminant, taking into account: the degree by which the level exceeds the MCL; duration of exposure; historical data; and, population exposed. A risk to health is assumed to be unreasonable unless the supplier demonstrates that there are costs involved which clearly exceed the health benefits to be derived.

BOARD NOTE: Derived from 40 CFR 141.4 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989, from Section 1415(a)(1)(A) of the SDWA and from the "Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources", incorporated by reference in Section 611.102.

POLLUTION CONTROL BOARD
NOTICE OF ADOPTED RULESPOLLUTION CONTROL BOARD
NOTICE OF ADOPTED RULES

Section 611.112 Section 1416 Variances

This Section is intended as a State equivalent of Section 1416 of the SDWA.

- a) The Board may grant a supplier a variance from any requirement respecting an MCL or treatment technique requirement of an NPDR in this Part.
- 1) The supplier shall file a variance petition pursuant to 35 Ill. Adm. Code 104, except as modified or supplemented by this Section.
- 2) The Board may grant a variance from the additional State requirements in this Part without following this Section.
- b) As part of the showing of arbitrary or unreasonable hardship, the supplier shall demonstrate that:
 - 1) Due to compelling factors (which may include economic factors), the supplier is unable to comply with the MCL or treatment technique requirement;
 - 2) The supplier was:
 - A) In operation on the effective date of the MCL or treatment technique requirement; or
 - B) Not in operation on the effective date of the MCL or treatment technique requirement and no reasonable alternative source of drinking water is available to the supplier; and
 - 3) The variance will not result in an unreasonable risk to health.
- c) The Board will prescribe a schedule for:
 - 1) Compliance, including increments of progress, by the supplier, with each MCL and treatment technique requirement with respect to which the variance was granted; and
 - 2) Implementation by the supplier of each additional control measure for each contaminant, subject to the MCL or treatment technique requirement, during the period ending on the date compliance with such requirement is required.
- d) A schedule of compliance will require compliance with each MCL or other requirement with respect to which the variance was granted as

expeditiously as practicable; but no schedule shall extend more than 12 months after the date of the variance, except as follows:

- 1) The Board may extend the date for a period not to exceed three years beyond the date of the variance if the supplier establishes that it is taking all practicable steps to meet the standard; and:
 - A) The supplier cannot meet the standard without capital improvements which cannot be completed within 12 months;
 - B) In the case of a supplier which needs financial assistance for the necessary improvements, the supplier has entered into an agreement to obtain such financial assistance; or
 - C) The supplier has entered into an enforceable agreement to become a part of a regional PWS; and
 - 2) In the case of a PWS with 500 or fewer service connections, and which needs financial assistance for the necessary improvements, a variance under subsections (d)(1)(A) or (B) may be renewed for one or more additional two year periods if the supplier establishes that it is taking all practicable steps to meet the final date for compliance.
 - e) The Board will provide notice and opportunity for a public hearing as provided in 35 Ill. Adm. Code 104.
 - f) The Agency shall promptly send USEPA the Opinion and Order of the Board granting a variance pursuant to this Section. The Board may reconsider and modify a grant of variance, or variance conditions, if USEPA notifies the Board of a finding pursuant to Section 1416 of the SDWA.
- BOARD NOTE: Derived from Section 1416 of the SDWA.
- g) The Board will not grant a variance from the MCL for total coliforms or from any of the treatment technique requirements of Subpart B.
- BOARD NOTE: Derived from 40 CFR 141.4 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.
- Section 611.113 Alternative Treatment Techniques
- This Section is intended to be equivalent to Section 1415(a)(3) of the SDWA.
- a) Pursuant to this Section, the Board may grant an adjusted standard from a treatment technique requirement.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- b) The supplier seeking an adjusted standard shall file a petition pursuant to 35 Ill. Adm. Code 106.Subpart G.
- c) As justification the supplier shall demonstrate that an alternative treatment technique is at least as effective in lowering the level of the contaminant with respect to which the treatment technique requirement was prescribed.
- d) As a condition of any adjusted standard, the Board will require the use of the alternative treatment technique.

BOARD NOTE: Derived from Section 1415(a)(3) of the SDWA.

Section 611.114 Siting requirements

Before a person enters into a financial commitment for or initiates construction of a new PWS or increases the capacity of an existing PWS, the person shall obtain a construction permit pursuant to 35 Ill. Adm. Code 602.101 and, to the extent practicable, avoid locating part or all of the new or expanded facility at a site which:

- a) Is subject to a significant risk from earthquakes, floods, fires or other disasters which could cause a breakdown of the PWS or a portion of the PWS. As used in this subsection, "significant risk" means a greater risk to the new or expanded facility than would exist at other locations within the area served by the PWS. Or,
- b) Except for intake structures, is within the floodplain of a 100-year flood.

BOARD NOTE: Derived from 40 CFR 141.5 (1989).

Section 611.115 Source Water Quantity

- a) Surface Supply - The quantity of surface water at the source shall be adequate to supply the total water demand of that CWS, as well as a reasonable surplus for anticipated growth.
- b) Groundwater supply - The quantity of groundwater from the source of supply shall be adequate to supply the total water demand of that CWS, as well as a reasonable surplus for anticipated growth, without excessive depletion of the aquifer.
- c) In determining the adequacy of supply for compliance with this Section, each individual CWS shall be considered in relation to the percentage of the total requirements it is expected to provide.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

BOARD NOTE: This is an additional State requirement.

Section 611.120 Effective dates

Except as otherwise provided, this Part becomes effective when filed.

BOARD NOTE: Derived from 40 CFR 141.60 (1989).

Section 611.121 Maximum Contaminant Levels

- a) No person shall cause or allow water at a specified measurement point to exceed the MCL for any contaminant.
- b) Measurement point: Except as otherwise provided, samples for determining compliance with an MCL must be taken at the following points:
 - 1) For turbidity, at the point of entry to the distribution system.
 - 2) For other contaminants, at the free flowing outlet of the ultimate user of a PWS

- c) There is no violation of the MCL for contaminants added to the water under circumstances controlled by the user, except those resulting from corrosion of piping and plumbing caused by water quality.

BOARD NOTE: Derived from the definition of "MCL" in 40 CFR 141.2 (1989).

Section 611.125 Fluoridation Requirement

All CWSs which are required to add fluoride to the water shall maintain a fluoride ion concentration reported as F of 0.9 to 1.2 mg/l in its distribution system, as required by Section 7a of "AN ACT to provide for safeguarding the public health by vesting certain measures of control and supervision in the Department of Public Health over public Water Supplies in the State" (111. Rev. Stat. 1989, ch. 111 1/2, par. 121(g)(1)).

BOARD NOTE: This is an additional State requirement.

Section 611.126 Prohibition on Use of Lead

- a) In general. Prohibition. Any pipe, solder or flux, shall be lead free, as defined by subsection (d), if it is used after June 19, 1986, in the installation or repair of:

- 1) Any PWS, or

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

NOTICE OF ADOPTED RULES

- 2) Any plumbing in a residential or nonresidential facility providing water for human consumption which is connected to a PWS. This subsection does not apply to leaded joints necessary for the repair of cast iron pipes.

- d) Definition of lead free. For purposes of this Section, the term "lead free":

- 1) When used with respect to solders and flux, refers to solders and flux containing not more than 0.2 percent lead, and
- 2) When used with respect to pipes and pipe fittings, refers to pipes and pipe fittings containing not more than 8.0 percent lead.

BOARD NOTE: Derived from 40 CFR 141.43 (1989).

SUSPART B: FILTRATION AND DISINFECTION

Section 611.201 Requiring a Demonstration

The Agency shall notify each supplier in writing of the date on which any demonstrations pursuant to the Section are required. The Agency shall require demonstrations at times which meet the USEPA requirements for that type of demonstration, allowing sufficient time for the supplier to collect the necessary information.

Section 611.202 Procedures for Agency Determinations

The determinations in this Subpart are by special exception permit.

Section 611.211 Filtration Required

The Agency shall determine that filtration is required unless the PWS meets the following criteria:

- a) Source water quality criteria:
 - 1) Coliforms, see Section 611.231(a)
 - 2) Turbidity, see Section 611.231(b)
- b) Site specific criteria:
 - 1) Disinfection, see Section 611.241(b)
 - 2) Watershed control, see Section 611.232(b)

- 3) On-site inspection, see Section 611.232(c)
- 4) Absence of water-borne disease outbreaks, see Section 611.232(d)
- 5) Total coliform MCL, see Sections 611.232(e) and 611.325.
- 6) TTHMs MCL, see Section 611.310.

BOARD NOTE: Derived from 40 CFR 141.71, adopted at 54 Fed. Reg. 27526, June 29, 1989, and from the Preamble at 54 Fed. Reg. 27505, June 29, 1989.

Section 611.212 Groundwater under Direct Influence of Surface Water

The Agency shall, pursuant to Section 611.201, require all CWSs to demonstrate whether they are using "groundwater under the direct influence of surface water" by June 29, 1994. The Agency shall determine with information provided by the supplier whether a PWS uses "groundwater under the direct influence of surface water" on an individual basis. The Agency shall determine that a groundwater source is under the direct influence of surface water based upon:

- a) Physical characteristics of the source: whether the source is obviously a surface water source, such as a lake or stream. Other sources which may be subject to influence from surface waters include: springs, infiltration galleries, wells or other collectors in subsurface aquifers.
- b) Well construction characteristics and geology with field evaluation.
 - 1) The Agency may use the wellhead protection program's requirements, which include delineation of wellhead protection areas, assessment of sources of contamination and implementation of management control systems, to determine if the wellhead is under the influence of surface water.
 - 2) Wells less than or equal to 50 feet in depth are likely to be under the influence of surface water.
 - 3) Wells greater than 50 feet in depth are likely to be under the influence of surface water, unless they include:
 - A) A surface sanitary seal using bentonite clay, concrete similar material.
 - B) A well casing that penetrates consolidated (slowly permeable) material. And,

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- c) A well casing that is only perforated or screened below consolidated (slowly permeable) material.
- 4) A source which is less than 200 feet from any surface water is likely to be under the influence of surface water
- c) Any structural modifications to prevent the direct influence of surface water and eliminate the potential for Giardia lamblia cyst contamination.
- d) Source water quality records. The following are indicative that a source is under the influence of surface water:
- 1) A record of total coliform or fecal coliform contamination in untreated samples collected over the past three years.
 - 2) A history of turbidity problems associated with the source. Or,
 - 3) A history of known or suspected outbreaks of Giardia lamblia or other pathogenic organism associated with surface water (e.g. cryptosporidium), which has been attributed to that source.
- e) Significant and relatively rapid shifts in water characteristics such as turbidity, temperature, conductivity or pH.
- 1) A variation in turbidity of 0.5 NTU or more over one year is indicative of surface influence.
 - 2) A variation in temperature of 9 Fahrenheit degrees or more over one year is indicative of surface influence.
- f) Significant and relatively rapid shifts in water characteristics such as turbidity, temperature, conductivity or pH which closely correlate to climatological or surface water conditions are indicative of surface water influence.
- 1) Evidence of particulate matter associated with the surface water. Or,
 - 2) Turbidity or temperature data which correlates to that of a nearby water source.
- g) Particulate analysis: Significant occurrence of insects or other macroorganisms, algae or large diameter pathogens such as Giardia lamblia is indicative of surface influence.
- 1) "Large diameter" particulates are those over 7 micrometers.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 2) Particulates must be measured as specified in the "Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources", incorporated by reference in Section 611.102.
- h) The potential for contamination by small-diameter pathogens, such as bacteria or viruses, does not alone render the source "under the direct influence of surface water".

BOARD NOTE: Derived from the definition of "groundwater under the direct influence of surface water" in 40 CFR 141.2, adopted at 54 Fed. Reg. 27526, June 29, 1989; from the Preamble at 54 Fed. Reg. 27489, June 29, 1989; and from the USEPA "Guidance Manual for Compliance with the Filtration and Disinfection Requirements for Public Water Systems using Surface Water Sources", incorporated by reference in Section 611.102.

Section 611.213 No Method of HPC Analysis

This Section is used in Sections 611.241(d)(2), 611.242(c)(2), 611.261(b)-(8)(G), 611.262(b)(3)(G), 611.532(f)(2) and 611.533(c)(2). The Agency shall determine that a system has no means for having a sample analyzed for HPC if the Agency determines that such action is warranted, based on the following site-specific conditions:

- a) There is no certified laboratory which can analyze the sample within the time and temperatures specified in Standard Methods, 16th Edition, Method 907A, incorporated by reference in Section 611.102, considering:
 - 1) Transportation time to the nearest laboratory pursuant to Section 611.490; and
 - 2) Based on the size of the PWS, whether it should acquire in-house laboratory capacity to measure HPC; and
- b) The supplier is providing adequate disinfection in the distribution system, considering:
 - 1) Other measurements which show the presence of RDC in the distribution system;
 - 2) The size of the distribution system;
 - 3) The adequacy of the supplier's cross connection control program.
- c) The PWS cannot maintain an RDC in the distribution system.

BOARD NOTE: Derived from 40 CFR 141.72(a)(4)(ii) (1989), adopted at 54 Fed. Reg. 27526, June 29, 1989, and from the Preamble at 54 Fed. Reg. 27495, June 29, 1989.

Section 611.220 General Requirements

- a) The requirements of this Subpart constitute NPDRs. This Subpart establishes criteria under which filtration is required as a treatment technique for PWSs supplied by a surface water source and PWSs supplied by a groundwater source under the direct influence of surface water. In addition, these regulations establish treatment technique requirements in lieu of MCLs for the following contaminants: *Giardia lamblia*, viruses, HPC bacteria, *Legionella* and turbidity. Each supplier with a surface water source or a groundwater source under the direct influence of surface water shall provide treatment of that source water that complies with these treatment technique requirements. The treatment technique requirements consist of installing and properly operating water treatment processes which reliably achieve:

- 1) At least 99.9 percent (3-log) removal or inactivation of *Giardia lamblia* cysts between a point where the raw water is not subject to recontamination by surface water runoff and a point downstream before or at the first customer; and
- 2) At least 99.99 percent (4-log) removal or inactivation of viruses between a point where the raw water is not subject to recontamination by surface water runoff and a point downstream before or at the first customer.

- b) A supplier using a surface water source or a groundwater source under the direct influence of surface water is considered to be in compliance with the requirements of subsection (a) if:

- 1) It meets the requirements for avoiding filtration in Section 611.230 and the disinfection requirements in Section 611.241; or
- 2) It meets the filtration requirements in Section 611.230 and the disinfection requirements in Section 611.242
- c) Each supplier using a surface water source or a groundwater source under the direct influence of surface water shall have a certified operator pursuant to 35 Ill. Adm. Code 603.103 and Ill. Rev. Stat. 1989, ch. 111 1/2, par. 501 et seq.

BOARD NOTE: Derived from 40 CFR 141.70 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.230 Filtration Effective Dates

- a) A supplier that uses a surface water source shall meet all of the conditions of Section 611.231 and 611.232, and is subject to Section 611.233, beginning December 30, 1991, unless the Agency has determined that filtration is required.
- b) A supplier that uses a groundwater source under the direct influence of surface water shall meet all of the conditions of Section 611.231 and 611.232, and is subject to Section 611.233, beginning 18 months after the Agency determines that it is under the direct influence of surface water, or December 30, 1991, whichever is later, unless the Agency has determined that filtration is required.
- c) If the Agency determines, before December 30, 1991, that filtration is required, the system shall have installed filtration and shall meet the criteria for filtered systems specified in Section 611.242 and Section 611.250 by June 29, 1993.
- d) Within 18 months of the failure of a system using surface water or a groundwater source under the direct influence of surface water to meet any one of the requirements of Section 611.231 and 611.232, or after June 29, 1993, whichever is later, the system shall have installed filtration and meet the criteria for filtered systems specified in Sections 611.242 and 611.250.

BOARD NOTE: Derived from 40 CFR 141.71 preamble (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.231 Source Water Quality Conditions

The Agency shall consider the following source water quality conditions in determining whether to require filtration pursuant to Section 611.211:

- a) The fecal coliform concentration must be equal to or less than 20/100 ml, or the total coliform concentration must be equal to or less than 100/100 ml (measured as specified in Section 611.531(a) or (b) and 611.532(a)) in representative samples of the source water immediately prior to the first or only point of disinfectant application in at least 90 percent of the measurements made for the 6 previous months that the system served water to the public on an ongoing basis. If a system measures both fecal and total coliforms, the fecal coliform criterion, but not the total coliform criterion, in this subsection, must be met.

- b) The turbidity level cannot exceed 5 NTU (measured as specified in Section 611.531(d) and 611.532(b) in representative samples of the source water immediately prior to the first or only point of

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

disinfectant application unless:

- 1) The Agency determines that any such event was caused by circumstances that were unusual and unpredictable; and
- 2) As a result of any such event there have not been more than two events in the past 12 months the system served water to the public, or more than five events in the past 120 months the system served water to the public, in which the turbidity level exceeded 5 NTU. An "event" is a series of consecutive days during which at least one turbidity measurement each day exceeds 5 NTU.

BOARD NOTE: Derived from 40 CFR 141.71(a) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

- c) Each CWS must take its raw water from the best available source which is economically reasonable and technically possible.
- BOARD NOTE: This is an additional State requirement.
- d) Use of recycled sewage treatment plant effluent by a CWS on a routine basis shall not be permitted.

BOARD NOTE: This is an additional State requirement.

Section 611.232 Site-specific Conditions

The Agency shall consider the following site specific criteria in determining whether to require filtration pursuant to Section 611.211:

a) Disinfection.

- 1) The supplier shall meet the requirements of Section 611.241(a) at least 11 of the 12 previous months that the system served water to the public, on an ongoing basis, unless the system fails to meet the requirements during 2 of the 12 previous months that the system served water to the public, and the Agency determines that at least one of these failures was caused by circumstances that were unusual and unpredictable.
- 2) The supplier shall meet the requirements of Section 611.241(b) at all times the system serves water to the public unless the Agency determines that any such failure was caused by circumstances that were unusual and unpredictable.
- 3) The supplier shall meet the requirements of Section 611.241(c) at all times the system serves water to the public unless the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Agency determines that any such failure was caused by circumstances that were unusual and unpredictable.

- 4) The supplier shall meet the requirements of Section 611.241(d) on an ongoing basis unless the Agency determines that failure to meet these requirements was not caused by a deficiency in treatment of the source water.
- b) Watershed control program. The supplier shall maintain a watershed control program which minimizes the potential for contamination by Giardia lamblia cysts and viruses in the source water. The Agency shall determine whether the watershed control program is adequate to meet this goal. The Agency shall determine the adequacy of a watershed control program based on:
 - 1) The comprehensiveness of the watershed review;
 - 2) The effectiveness of the system's program to monitor and control detrimental activities occurring in the watershed; and
 - 3) The extent to which the water system has maximized land ownership or controlled land use within the watershed. At a minimum, the watershed control program must:
 - A) Characterize the watershed hydrology and land ownership;
 - B) Identify watershed characteristics and activities which may have an adverse effect on source water quality; and
 - C) Monitor the occurrence of activities which may have an adverse effect on source water quality.
 - 4) The supplier shall demonstrate through ownership or written agreements with landowners within the watershed that it can control all human activities which may have an adverse impact on the microbiological quality of the source water. The supplier shall submit an annual report to the Agency that identifies any special concerns about the watershed and how they are being handled; describes activities in the watershed that affect water quality; and projects what adverse activities are expected to occur in the future and describes how the supplier expects to address them. For systems using a groundwater source under the direct influence of surface water, an approved wellhead protection program may be used, if appropriate, to meet these requirements.

- c) On-site inspection. The supplier shall be subject to an annual on-site inspection to assess the watershed control program and

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

disinfection treatment process. Either the Agency or a unit of local government delegated pursuant to Section 611.108 shall conduct the inspection. A report of the on-site inspection summarizing all findings must be prepared every year. The on-site inspection must demonstrate that the watershed control program and disinfection treatment process are adequately designed and maintained. The on-site inspection must include:

- 1) A review of the effectiveness of the watershed control program;
 - 2) A review of the physical condition of the source intake and how well it is protected;
 - 3) A review of the system's equipment maintenance program to ensure there is low probability for failure of the disinfection process;
 - 4) An inspection of the disinfection equipment for physical deterioration;
 - 5) A review of operating procedures;
 - 6) A review of data records to ensure that all required tests are being conducted and recorded and disinfection is effectively practiced; and
 - 7) Identification of any improvements which are needed in the equipment, system maintenance and operation or data collection.
- d) Absence of waterborne disease outbreaks. The PWS must not have been identified as a source of a waterborne disease outbreak, or if it has been so identified, the system must have been modified sufficiently to prevent another such occurrence.

e) Total Coliform MCL. The supplier shall comply with the MCL for total coliforms in Section 611.325 at least 11 months of the 12 previous months that the system served water to the public, on an ongoing basis, unless the Agency determines that failure to meet this requirement was not caused by a deficiency in treatment of the source water.

f) TTHM MCL. The supplier shall comply with the MCL for TTHM in Section 611.310.

BOARD NOTE: Derived from 40 CFR 141.71(b) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.233 Treatment Technique Violations

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

a) A supplier is in violation of a treatment technique requirement if:

1) Filtration is required because:

A) The supplier fails to meet any one of the criteria in Section 611.231 and 611.232; or

B) The Agency has determined, pursuant to Section 611.211, that filtration is required; and

2) The supplier fails to install filtration by the date specified in Section 611.230.

b) A supplier which has not installed filtration is in violation of a treatment technique requirement if:

1) The turbidity level (measured as specified in Section 611.531(d) and 611.532(b)) in a representative sample of the source water immediately prior to the first or only point of disinfection application exceeds 5 NTU; or

2) The system is identified as a source of a waterborne disease outbreak.

BOARD NOTE: Derived from 40 CFR 141.71(c) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.240 Disinfection

a) A supplier that uses a surface water source and does not provide filtration treatment shall provide the disinfection treatment specified in Section 611.241 beginning December 30, 1991.

b) A supplier that uses a groundwater source under the influence of surface water and does not provide filtration treatment shall provide disinfection treatment specified in Section 611.241 beginning December 30, 1991, or 18 months after the Agency determines that the groundwater source is under the influence of surface water, whichever is later, unless the Agency has determined that filtration is required.

c) If the Agency determines that filtration is required, the Agency may, by special exception permit, require the supplier to comply with interim disinfection requirements before filtration is installed.

d) A system that uses a surface water source that provides filtration treatment shall provide the disinfection treatment specified in

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section 611.242 beginning June 29, 1993, or beginning when filtration is installed, whichever is later.

- e) A system that uses a groundwater source under the direct influence of surface water and provides filtration treatment shall provide disinfection treatment as specified in Section 611.242 by June 29, 1993 or beginning when filtration is installed, whichever is later.

- f) Failure to meet any requirement of the following Sections after the applicable date specified in this Section is a treatment technique violation.

BOARD NOTE: Derived from 40 CFR 141.72 preamble (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

- g) CWS suppliers using groundwater which is not under the direct influence of surface water shall provide disinfection pursuant to Section 611.241 or 611.242, unless the Agency has granted the supplier an exemption pursuant to Section 17(b) of the Act.

BOARD NOTE: This is an additional State requirement.

Section 611.241 Unfiltered PWSs

Each supplier that does not provide filtration treatment shall provide disinfection treatment as follows:

- a) The disinfection treatment must be sufficient to ensure at least 99.9 percent (3-log) inactivation of *Giardia lamblia* cysts and 99.99 percent (4-log) inactivation of viruses, every day the system serves water to the public, except any one day each month. Each day a system serves water to the public, the supplier shall calculate the CT value(s) from the system's treatment parameters using the procedure specified in Section 611.532(c) and determine whether this value(s) is sufficient to achieve the specified inactivation rates for *Giardia lamblia* cysts and viruses.

- 1) If a system uses a disinfectant other than chlorine, the system may demonstrate to the Agency, through the use of an Agency-approved protocol for on-site disinfection challenge studies or other information, that CT99.9 values other than those specified in Appendix B, Tables 2.1 and 3.1 or other operational parameters are adequate to demonstrate that the system is achieving minimum inactivation rates required by this subsection.

- 2) The demonstration must be made by way of special exception permit application.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- b) The disinfection system must have either:

- 1) Redundant components, including an auxiliary power supply with automatic start-up and alarm to ensure that disinfectant application is maintained continuously while water is being delivered to the distribution system; or
- 2) Automatic shut-off of delivery of water to the distribution system whenever there is less than 0.2 mg/L of RDC in the water. If the Agency determines, by special exception permit, that automatic shut-off would cause unreasonable risk to health or interfere with fire protection, the system shall comply with subsection (b)(1).

- c) The RDC in the water entering the distribution system, measured as specified in Section 611.531(e) and 611.532(e), cannot be less than 0.2 mg/L for more than 4 hours.

- d) RDC in the distribution system.

- 1) The RDC in the distribution system, measured as total chlorine, combined chlorine or chlorine dioxide, as specified in Section 611.531(e) and 611.532(e), cannot be undetectable in more than 5 percent of the samples each month for any two consecutive months that the system serves water to the public. Water in the distribution system with HPC less than or equal to 500/ml, measured as specified in Section 611.531(c), is deemed to have a detectable RDC for purposes of determining compliance with this requirement. Thus, the value "V" in the following formula cannot exceed 5 percent in one month, for any two consecutive months.

$$V = 100(c + d + e) / (a + b)$$

where:

- a = Number of instances where the RDC is measured.
 b = Number of instances where the RDC is not measured, but HPC is measured.
 c = Number of instances where the RDC is measured but not detected and no HPC is measured.
 d = Number of instances where the RDC is measured but not detected, and where the HPC is greater than 500/ml. And,

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

e = Number of instances where the RDC is not measured and HPC is greater than 500/ml.

- 2) Subsection (d)(1) does not apply if the Agency determines, pursuant to Section 611.213, that a supplier has no means for having a sample analyzed for HPC.

BOARD NOTE: Derived from 40 CFR 141.72(a) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.242 Filtered PWSS

Each supplier that provides filtration treatment shall provide disinfection treatment as follows:

- The disinfection treatment must be sufficient to ensure that the total treatment processes of that system achieve at least 99.9 percent (3-log) inactivation and/or removal of Giardia lamblia cysts and at least 99.99 percent (4-log) inactivation and/or removal of viruses.
- The RDC in the water entering the distribution system, measured as specified in Section 611.531(e) and 611.533(b), cannot be less than 0.2 mg/L for more than 4 hours.
- RDC in the distribution system.

- 1) The RDC in the distribution system, measured as total chlorine, combined chlorine or chlorine dioxide, as specified in Section 611.531(e) and 611.533(c), cannot be undetectable in more than 5 percent of the samples each month, for any two consecutive months that the system serves water to the public. Water in the distribution system with HPC less than or equal to 500/ml, measured as specified in Section 611.531(c), is deemed to have a detectable RDC for purposes of determining compliance with this requirement. Thus, the value "V" in the following formula cannot exceed 5 percent in one month, for any two consecutive months.

$$V = 100(c + d + e) / (a + b)$$

where:

a = Number of instances where the RDC is measured.

b = Number of instances where the RDC is not measured, but HPC is measured.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

c = Number of instances where the RDC is measured but not detected and no HPC is measured.

d = Number of instances where the RDC is measured but not detected, and where HPC is greater than 500/ml. And,

e = Number of instances where the RDC is not measured and HPC is greater than 500/ml.

- 2) Subsection (c)(1) does not apply if the Agency determines, pursuant to Section 611.213, that a supplier has no means for having a sample analyzed for HPC.

BOARD NOTE: Derived from 40 CFR 141.72(b) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.250 Filtration

A supplier that uses a surface water source or a groundwater source under the direct influence of surface water, and does not meet all of the criteria in Section 611.231 and 611.232 for avoiding filtration, shall provide treatment consisting of both disinfection, as specified in Section 611.242, and filtration treatment which complies with the requirements of subsection (a), (b), (c), (d) or (e) by June 29, 1993, or within 18 months of the failure to meet any one of the criteria for avoiding filtration in Section 611.231 and 611.232, whichever is later. Failure to meet any requirement after the date specified in this introductory paragraph is a treatment technique violation.

- Conventional filtration treatment or direct filtration.

- 1) For systems using conventional filtration or direct filtration, the turbidity level of representative samples of a system's filtered water must be less than or equal to 0.5 NTU in at least 95 percent of the measurements taken each month, except that, if the Agency determines, by special exception permit, that the system is capable of achieving at least 99.9 percent removal or inactivation of Giardia lamblia cysts at some turbidity level higher than 0.5 NTU in at least 95 percent of the measurements taken each month, the Agency shall substitute this higher turbidity limit for that system. However, in no case shall the Agency approve a turbidity limit that allows more than 1 NTU in more than 5 percent of the samples taken each month.

- 2) The turbidity level of representative samples of a system's water must at no time exceed 5 NTU.

- Slow sand filtration.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

1) For systems using slow sand filtration, the turbidity level of representative samples of a system's filtered water must be less than or equal to 1 NTU in at least 95 percent of the measurements taken each month, except that if the Agency determines, by special exception permit, that there is no significant interference with disinfection at a higher level, the Agency shall substitute the higher turbidity limit for that system.

2) The turbidity level of representative samples of a system's filtered water must at no time exceed 5 NTU.

c) Diatomaceous earth filtration.

1) For systems using diatomaceous earth filtration, the turbidity level of representative samples of a system's filtered water must be less than or equal to 1 NTU in at least 95 percent of the measurements taken each month.

2) The turbidity level of representative samples of a system's filtered water must at no time exceed 5 NTU.

d) Other filtration technologies. A supplier may use a filtration technology not listed in subsections (a) through (c) if it demonstrates, by special exception permit application, to the Agency, using pilot plant studies or other means, that the alternative filtration technology, in combination with disinfection treatment that meets the requirements of Section 611.242, consistently achieves 99.9 percent removal or inactivation of *Giardia lamblia* cysts and 99.99 percent removal or inactivation of viruses. For a system that makes this demonstration, the requirements of subsection (b) apply.

e) Turbidity is measured as specified in Sections 611.531(d) and 611.533(a).

BOARD NOTE: Derived from 40 CFR 141.73 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.261 Unfiltered PWSs: Reporting and Recordkeeping

A supplier that uses a surface water source and does not provide filtration treatment shall report monthly to the Agency the information specified in this Section beginning December 31, 1990, unless the Agency has determined that filtration is required, in which case the Agency shall, by special exception permit, specify alternative reporting requirements, as appropriate, until filtration is in place. A supplier that uses a groundwater source under the direct influence of surface water and does not provide filtration treatment

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

shall report monthly to the Agency the information specified in this Section beginning December 31, 1990, or 6 months after the Agency determines that the groundwater source is under the direct influence of surface water, whichever is later, unless the Agency has determined that filtration is required, in which case the Agency shall, by special exception permit, specify alternative reporting requirements, as appropriate, until filtration is in place.

a) Source water quality information must be reported to the Agency within 10 days after the end of each month the system serves water to the public. Information that must be reported includes:

1) The cumulative number of months for which results are reported.

2) The number of fecal or total coliform samples, whichever are analyzed during the month (if a system monitors for both, only fecal coliforms must be reported), the dates of sample collection, and the dates when the turbidity level exceeded 1 NTU.

3) The number of samples during the month that had equal to or less than 20/100 ml fecal coliforms or equal to or less than 100/100 ml total coliforms, whichever are analyzed.

4) The cumulative number of fecal or total coliform samples, whichever are analyzed, during the previous six months the system served water to the public.

5) The cumulative number of samples that had equal to or less than 20/100 ml fecal coliforms or equal to or less than 100/100 ml total coliforms, whichever are analyzed, during the previous six months the system served water to the public.

6) The percentage of samples that had equal to or less than 20/100 ml fecal coliforms or equal to or less than 100/100 ml total coliforms, whichever are analyzed, during the previous six months the system served water to the public.

7) The maximum turbidity level measured during the month, the date(s) of occurrence for any measurement(s) which exceeded 5 NTU and the date(s) the occurrence(s) was reported to the Agency.

8) For the first 12 months of recordkeeping, the dates and cumulative number of events during which the turbidity exceeded 5 NTU, and after one year of recordkeeping for turbidity measurements, the dates and cumulative number of events during which the turbidity exceeded 5 NTU in the previous 12 months the system served water to the public.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 9) For the first 120 months of recordkeeping, the dates and cumulative number of events during which the turbidity exceeded 5 NTU, and after 10 years of recordkeeping for turbidity measurements, the dates and cumulative number of events during which the turbidity exceeded 5 NTU in the previous 120 months the system served water to the public.
- b) Disinfection information specified in Section 611.532 must be reported to the Agency within 10 days after the end of each month the system serves water to the public. Information that must be reported includes:
 - 1) For each day, the lowest measurement of RDC in mg/L in water entering the distribution system.
 - 2) The date and duration of each period when the RDC in water entering the distribution system fell below 0.2 mg/L and when the Agency was notified of the occurrence.
 - 3) The daily RDC(s) (in mg/L) and disinfectant contact time(s) (in minutes) used for calculating the CT value(s).
 - 4) If chlorine is used, the daily measurement(s) of pH of disinfected water following each point of chlorine disinfection.
 - 5) The daily measurement(s) of water temperature in degrees C following each point of disinfection.
 - 6) The daily CTcalc and Ai values for each disinfectant measurement or sequence and the sum of all Ai values (B) before or at the first customer.
 - 7) The daily determination of whether disinfection achieves adequate Giardia cyst and virus inactivation, i.e., whether Ai is at least 1.0 or, where disinfectants other than chlorine are used, other indicator conditions that the Agency, pursuant to Section 611.241(a)(1), determines are appropriate, are met.
 - 8) The following information on the samples taken in the distribution system in conjunction with total coliform monitoring pursuant to Section 611.240 et seq.:
 - A) Number of instances where the RDC is measured;
 - B) Number of instances where the RDC is not measured but HPC is measured;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- C) Number of instances where the RDC is measured but not detected and no HPC is measured;
- D) Number of instances where no RDC is detected and where HPC is greater than 500/ml;
- E) Number of instances where the RDC is not measured and HPC is greater than 500/ml;
- F) For the current and previous month the system served water to the public, the value of "V" in the following formula:

$$V = 100(c + d + e) / (a + b)$$
 where:
 - a = Value in subsection (b)(8)(A).
 - b = Value in subsection (b)(8)(B).
 - c = Value in subsection (b)(8)(C).
 - d = Value in subsection (b)(8)(D).
 - e = Value in subsection (b)(8)(E).
- G) The requirements of subsections (b)(8)(A) through (F) do not apply if the Agency determines, pursuant to Section 611.213, that a system has no means for having a sample analyzed for HPC.
- 9) A system need not report the data listed in subsections (b)(1), and (b)(3) through (6), if all data listed in subsections (b)(1) through (b)(8) remain on file at the system, and the Agency determines, by special exception permit, that:
 - A) The system has submitted to the Agency all the information required by subsections (b)(1) through (8) for at least 12 months; and
 - B) The Agency has determined that the system is not required to provide filtration treatment.

- c) By October 10 of each year, each system shall provide to the Agency a report which summarizes its compliance with all watershed control program requirements specified in 611.232(b).
- d) By October 10 of each year, each system shall provide to the Agency a

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

report on the on-site inspection conducted during that year pursuant to Section 611.232(c), unless the on-site inspection was conducted by the Agency. If the inspection was conducted by the Agency, the Agency shall provide a copy of its report to the supplier.

e) Reporting health threats.

- 1) Each system, upon discovering that a waterborne disease outbreak potentially attributable to that water system has occurred, shall report that occurrence to the Agency as soon as possible, but no later than by the end of the next business day.
- 2) If at any time the turbidity exceeds 5 NTU, the system shall inform the Agency as soon as possible, but no later than the end of the next business day.
- 3) If at any time the RDC falls below 0.2 mg/L in the water entering the distribution system, the system shall notify the Agency as soon as possible, but no later than by the end of the next business day. The system also shall notify the Agency by the end of the next business day whether or not the RDC was restored to at least 0.2 mg/L within 4 hours.

BOARD NOTE: Derived from 40 CFR 141.75(a) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.262 Filtered PWSS: Reporting and Recordkeeping

A supplier that uses a surface water source or a groundwater source under the direct influence of surface water and provides filtration treatment shall report monthly to the Agency the information specified in this Section beginning June 29, 1993, or when filtration is installed, whichever is later.

- a) Turbidity measurements as required by Section 611.533(a) must be reported within 10 days after the end of each month the system serves water to the public. Information that must be reported includes:

- 1) The total number of filtered water turbidity measurements taken during the month.
- 2) The number and percentage of filtered water turbidity measurements taken during the month which are less than or equal to the turbidity limits specified in Section 611.250 for the filtration technology being used.
- 3) The date and value of any turbidity measurements taken during the month which exceed 5 NTU.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- b) Disinfection information specified in Section 611.533 must be reported to the Agency within 10 days after the end of each month the system serves water to the public. Information that must be reported includes:

- 1) For each day, the lowest measurement of RDC in mg/L in water entering the distribution system.
- 2) The date and duration of each period when the RDC in water entering the distribution system fell below 0.2 mg/L and when the Agency was notified of the occurrence.
- 3) The following information on the samples taken in the distribution system in conjunction with total coliform monitoring pursuant to Section 611.240 et seq.:

- A) Number of instances where the RDC is measured;
- B) Number of instances where the RDC is not measured but HPC is measured;
- C) Number of instances where the RDC is measured but not detected and no HPC is measured;
- D) Number of instances where no RDC is detected and where HPC is greater than 500/ml;
- E) Number of instances where the RDC is not measured and HPC is greater than 500/ml;
- F) For the current and previous month the system serves water to the public, the value of "y" in the following formula:

$$V = 100(c + d + e) / (a + b)$$

where:

- a = Value in subsection (b)(3)(A).
- b = Value in subsection (b)(3)(B).
- c = Value in subsection (b)(3)(C).
- d = Value in subsection (b)(3)(D). And,
- e = Value in subsection (b)(3)(E).

- G) Subsections (b)(3)(A) through (F) do not apply if the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Agency determines, pursuant to Section 611.213, that a system has no means for having a sample analyzed for HPC.

c) Reporting health threats.

- 1) Each system, upon discovering that a waterborne disease outbreak potentially attributable to that water system has occurred, shall report that occurrence to the Agency as soon as possible, but no later than by the end of the next business day.
- 2) If at any time the turbidity exceeds 5 NTU, the system shall inform the Agency as soon as possible, but no later than the end of the next business day.
- 3) If at any time the residual falls below 0.2 mg/L in the water entering the distribution system, the system shall notify the Agency as soon as possible, but no later than by the end of the next business day. The system also shall notify the Agency by the end of the next business day whether or not the residual was restored to at least 0.2 mg/L within 4 hours.

BOARD NOTE: Derived from 40 CFR 141.75(b) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.271 Protection during Repair Work

The supplier shall prevent contamination of water at the source or in the CWS during repair, reconstruction or alteration.

BOARD NOTE: This is an additional State requirement.

Section 611.272 Disinfection following Repair

- a) After any portion of the CWS has been repaired, reconstructed or altered, the supplier shall disinfect that portion before putting it into operation.

- b) The disinfection procedure must be approved by special exception permit.

BOARD NOTE: This is an additional State requirement.

SUBPART J: USE OF NON-CENTRALIZED TREATMENT DEVICES

Section 611.280 Point-of-Entry Devices

- a) Suppliers may use point-of-entry devices to comply with MCLs only if they meet the requirements of this Section.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- b) It is the responsibility of the supplier to operate and maintain the point-of entry treatment system.

- c) The supplier shall develop a monitoring plan before point-of-entry devices are installed for compliance.

- 1) Point-of-entry devices must provide health protection equivalent to central water treatment. "Equivalent" means that the water would meet all NPDR and would be of acceptable quality similar to water distributed by a well-operated central treatment plant.

- 2) In addition to the VOCs, monitoring must include physical measurements and observations such as total flow treated and mechanical condition of the treatment equipment.

- 3) Use of point-of-entry devices must be approved by special exception permit.

- d) Effective technology must be properly applied under a plan approved by the Agency and the microbiological safety of the water must be maintained.

- 1) The Agency shall require adequate certification of performance, field testing, and, if not included in the certification process, a rigorous engineering design review of the point-of-entry devices.

- 2) The design and application of the point-of-entry devices must consider the tendency for increase in heterotrophic bacteria concentrations in water treated with activated carbon. The Agency may require, by special exception permit, frequent backwashing, post-contactor disinfection and HPC monitoring to ensure that the microbiological safety of the water is not compromised.

- e) All consumers must be protected. Every building connected to the system must have a point-of-entry device installed, maintained and adequately monitored. The Agency must be assured that every building is subject to treatment and monitoring, and that the rights and responsibilities of the PWS customer convey with title upon sale of property.

BOARD NOTE: Derived from 40 CFR 141.100 (1989).

Section 611.290 Use of other Non-centralized Treatment Devices

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

NOTICE OF ADOPTED RULES

Suppliers shall not use bottled water or point-of-use devices to achieve compliance with an MCL. Bottled water or point-of-use devices may be used on a temporary basis to avoid an unreasonable risk to health.

BOARD NOTE: Derived from 40 CFR 141.101 (1989).

SUBPART F: MAXIMUM CONTAMINANT LEVELS (MCL'S)

Section 611.300 Inorganic Chemicals

- a) The MCL for nitrate is applicable to both CWS suppliers and non-CWS suppliers except as provided by in subsection (d). The levels for the other inorganic chemicals apply only to CWS suppliers. The levels for additional State requirements apply only to CWSs. Compliance with MCLs for inorganic chemicals is calculated pursuant to Subpart N.

BOARD NOTE: Derived from 40 CFR 141.11(a) (1989).

- b) The following are the MCL's for inorganic chemicals:

Contaminant	Level, mg/L	Additional State Requirement
Arsenic.....	0.05	
Barium.....	1.	
Cadmium.....	0.010	
Chromium.....	0.05	
Copper.....	5.	*
Cyanide.....	0.2	*
Fluoride.....	4.0	
Iron.....	1.0	*
Lead.....	0.05	
Manganese.....	0.15	*
Mercury.....	0.002	
Nitrate (as N).....	10.	
Selenium.....	0.01	
Silver.....	0.05	*
Zinc.....	5.	

BOARD NOTE: Derived from 40 CFR 141.11(b) and 141.62 (1989).

- c) The secondary MCL for fluoride is 2.0 mg/L.

BOARD NOTE: Derived from 40 CFR 141.11(c) (1989).

- d) Nitrate.

- 1) The Board incorporates by reference 40 CFR 141.11(d) (1989). This incorporation includes no later editions or amendments.

- 2) If allowed by Public Health, non-CWSs may exceed the MCL for nitrate to the extent authorized by 40 CFR 141.11(d).

BOARD NOTE: Derived from 40 CFR 141.11(d) (1989). Public Health regulations are at 77 Ill. Adm. Code 900.50.

- e) The following supplementary condition applies to the concentrations listed in subsection (b): Iron and manganese:

- 1) CWS suppliers which serve a population of 1000 or less, or 300 service connections or less, are exempt from the standards for iron and manganese.

- 2) The Agency may, by special exception permit, allow iron and manganese in excess of the MCL if sequestration tried on an experimental basis proves to be effective. If sequestration is not effective, positive iron or manganese reduction treatment as applicable must be provided. Experimental use of a sequestering agent may be tried only if approved by special exception permit.

BOARD NOTE: This is an additional State requirement.

Section 611.310 Organic Chemicals

The following are the MCLs for organic chemicals. The MCLs for organic chemicals in subsections (a) and (b) apply to all CWSs. The levels for additional State requirements apply only to CWSs. Compliance with the MCLs in subsections (a) and (b) is calculated pursuant to Section 611.641 et seq. Compliance with the MCL for THM is calculated pursuant to Subpart P.

Contaminant

Level (mg/L) Additional State Requirement

a) Chlorinated hydrocarbons:

Aldrin.....	0.001	*
Chlordane.....	0.003	*
DDT.....	0.05	*
Dieldrin.....	0.001	*
Endrin.....	0.0002	*
Heptachlor.....	0.0001	*
Heptachlor epoxide.....	0.0001	*
Lindane.....	0.004	*
Methoxychlor.....	0.1	
Toxaphene.....	0.005	

b) Chlorophenoxys:

2,4-D.....	0.01	*
2,4,5-TP (Silvex).....	0.01	

BOARD NOTE: Derived from 40 CFR 141.12 (1989).

c) TTHM

..... 0.10

d) TTHM. CWS suppliers serving fewer than 10,000 individuals shall comply with the TTHM standard by January 1, 1992.

BOARD NOTE: This is an additional State requirement.

Section 611.311 VOCs

a) The following MCL levels for VOCs apply to CWS suppliers and NTNCWS suppliers.

CAS No.	Contaminant	MCL (mg/L)
71-43-2	Benzene.....	0.005
75-01-4	Vinyl chloride.....	0.002
56-23-5	Carbon tetrachloride.....	0.005
107-06-2	1,2-Dichloroethane.....	0.005
79-01-6	Trichloroethylene.....	0.005
75-35-4	1,1-Dichloroethylene.....	0.007
71-55-6	1,1,1-Trichloroethane.....	0.20
106-46-7	para-Dichlorobenzene.....	0.075

b) BATs for achieving compliance with the MCLs for VOCs are: central treatment using packed tower aeration; central treatment using granular activated carbon for all these chemicals except vinyl chloride.

BOARD NOTE: Derived from 40 CFR 141.61 (1989).

Section 611.320 Turbidity

This Section applies to unfiltered PWSs until December 30, 1991, unless the Agency or Public Health has determined, pursuant to Section 611.211, prior to that date that filtration is required. This Section applies to unfiltered systems that the Agency has determined, pursuant to Section 611.211, must install filtration, until June 29, 1993, or until filtration is installed, whichever is later. The MCLs for turbidity are applicable to both CWS suppliers and non-CWS suppliers using surface water sources in whole or in part. The MCLs for turbidity in drinking water, measured at a representative entry point(s) to the distribution system, are:

a) One turbidity unit, as determined by a monthly average pursuant to Subpart M, except that five or fewer turbidity units are allowed if the supplier demonstrates, by special exception permit application, that the higher turbidity does not do any of the following:

- 1) Interfere with disinfection;
 - 2) Prevent maintenance of an effective disinfectant agent throughout the distribution system; or
 - 3) Interfere with microbiological determinations.
- b) Five turbidity units based on an average for two consecutive days pursuant to Subpart M.

BOARD NOTE: Derived from 40 CFR 141.13 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.325 Microbiological Contaminants

a) The MCL is based on the presence or absence of total coliforms in a sample, rather than coliform density.

- 1) For a supplier which collects at least 40 samples per month, if no more than 5.0 percent of the samples collected during a month are total coliform-positive, the supplier is in compliance with the MCL for total coliforms.
- 2) For a supplier which collects fewer than 40 samples per month,

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

if no more than one sample collected during a month is total coliform-positive, the supplier is in compliance with the MCL for total coliforms.

- b) Any fecal coliform-positive repeat sample or *E. coli*-positive repeat sample, or any total coliform-positive repeat sample following a fecal coliform-positive or *E. coli*-positive routine sample, constitutes a violation of the MCL for total coliforms. For purposes of the public notification requirements in Section 611.851 et seq., this is a violation that may pose an acute risk to health.
- c) A supplier shall determine compliance with the MCL for total coliforms in subsections (a) and (b) for each month in which it is required to monitor for total coliforms.
- d) BATs for achieving compliance with the MCL for total coliforms in subsections (a) and (b):

- 1) Protection of wells from contamination by coliforms by appropriate placement and construction;
- 2) Maintenance of RDC throughout the distribution system;
- 3) Proper maintenance of the distribution system including appropriate pipe replacement and repair procedures, main flushing programs, proper operation and maintenance of storage tanks and reservoirs and continual maintenance of positive water pressure in all parts of the distribution system;
- 4) Filtration and disinfection of surface water, as described in Subpart B, or disinfection of groundwater using strong oxidants such as chlorine, chlorine dioxide or ozone; or
- 5) The development and implementation of an approved wellhead protection program.

BOARD NOTE: Derived from 40 CFR 141.63 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.330 Radium and Gross Alpha Particle Activity

The following are the MCLs for radium-226, radium-228 and gross alpha particle radioactivity:

- a) Combined radium-226 and radium-228 - 5 pCi/L.
- b) Gross alpha particle activity (including radium-226 but excluding radon and uranium) - 15 pCi/L.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

BOARD NOTE: Derived from 40 CFR 141.15 (1989).

Section 611.331 Beta Particle and Photon Radioactivity

- a) The average annual concentration of beta particle and photon radioactivity from man-made radionuclides in drinking water must not produce an annual dose equivalent to the total body or any internal organ greater than 4 mrem/year.
- b) Except for the radionuclides listed below, the concentration of man-made radionuclides causing 4 mrem total body or organ dose equivalents must be calculated on the basis of a 2 liter per day drinking water intake using the 168 hour data listed in "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure," NCRP Report Number 22, incorporated by reference in Section 611.102. If two or more radionuclides are present, the sum of their annual dose equivalent to the total body or to any organ must not exceed 4 mrem/year.

AVERAGE ANNUAL CONCENTRATIONS ASSUMED TO PRODUCE A TOTAL BODY OR ORGAN DOSE OF 4 mrem/year

Radionuclide	Critical Organ	pCi/L
Tritium	Total body	20,000
Strontium-90	Bone marrow	8

BOARD NOTE: Derived from 40 CFR 141.16 (1989).

SUBPART K: GENERAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.480 Alternative Analytical Techniques

The Agency may approve, by special exception permit, an alternate analytical technique. The Agency shall not approve an alternate analytical technique without the concurrence of USEPA. The Agency shall approve an alternate technique if it is substantially equivalent to the prescribed test in both precision and accuracy as it relates to the determination of compliance with any MCL. The use of the alternate analytical technique must not decrease the frequency of monitoring required by this Part.

BOARD NOTE: Derived from 40 CFR 141.27 (1989).

Section 611.490 Certified Laboratories

- a) For the purpose of determining compliance with Subparts L through Q,

samples will be considered only if they have been analyzed:

- 1) By a laboratory certified pursuant to Section 4(o) of the Act; or,
- 2) By a laboratory certified by USEPA; or,
- 3) Measurements for turbidity, free chlorine residual, temperature and pH may be performed under the supervision of a certified operator (35 Ill. Adm. Code 603.103).
- b) Nothing in this Part shall be construed to preclude the Agency or any duly designated representative of the Agency from taking samples or from using the results from such samples to determine compliance by a supplier of water with the applicable requirements of this Part.

BOARD NOTE: Derived from 40 CFR 141.28 (1989).

- c) The CWS supplier shall have required analyses performed either at an Agency laboratory, or a certified laboratory. The Agency may require that some or all of the required samples be submitted to its laboratories.

BOARD NOTE: This is an additional State requirement.

Section 611.491 Laboratory Testing Equipment

- a) Each CWS supplier shall have adequate laboratory equipment and capability to perform operational tests (except bacteriological) appropriate to the parameters to be tested and the type of treatment employed. Such equipment must be in good operating condition, and the operator on duty must be familiar with the procedure for performing the tests.
- b) Nothing in this Subpart shall be construed to prevent a CWS supplier from running control laboratory tests in an uncertified laboratory. These results are not to be included in the required monitoring results.

BOARD NOTE: This is an additional State requirement.

Section 611.500 Consecutive PWSs

When a PWS supplies water to one or more other PWSs, the Agency shall modify the monitoring requirements imposed by this Part to the extent that the interconnection of the PWSs justifies treating them as a single PWS for monitoring purposes. Any modified monitoring must be conducted pursuant to a schedule specified by special exception permit. The Agency shall not approve

such modified monitoring without the concurrence of USEPA.

BOARD NOTE: Derived from 40 CFR 141.29 (1989).

SUBPART L: MICROBIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.521 Routine Coliform Monitoring

- a) Suppliers shall collect total coliform samples at sites which are representative of water throughout the distribution system according to a written sample siting plan, which must be approved by special exception permit.
- b) The monitoring frequency for total coliforms for CWSs is based on the population served by the CWS, as set forth in Table A. If a CWS serving 25 to 1,000 persons has no history of total coliform contamination in its current configuration and a sanitary survey conducted in the past five years shows that the CWS is supplied solely by a protected groundwater source and is free of sanitary defects, the Agency shall reduce the monitoring frequency specified in Table A, except that in no case shall the Agency reduce the monitoring frequency to less than one sample per quarter. The Agency shall approve the reduced monitoring frequency by special exception permit.

- c) The monitoring frequency for total coliforms for non-CWSs is as follows:

- 1) A non-CWS using only groundwater (except groundwater under the direct influence of surface water, as determined in Section 611.212) and serving 1,000 persons or fewer shall monitor each calendar quarter that the system provides water to the public, except that Public Health shall reduce this monitoring frequency if a sanitary survey shows that the system is free of sanitary defects. Beginning June 29, 1994, Public Health cannot reduce the monitoring frequency for a non-CWS using only groundwater (except groundwater under the direct influence of surface water) and serving 1,000 persons or fewer to less than once per year.
- 2) A non-CWS using only groundwater (except groundwater under the direct influence of surface water) and serving more than 1,000 persons during any month shall monitor at the same frequency as a like-sized CWS, as specified in subsection (b), except Public Health shall reduce this monitoring frequency for any month the system serves 1,000 persons or fewer. Public Health cannot reduce the monitoring to less than once per year. For systems using groundwater under the direct influence of surface water, subsection (c)(4) applies.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 3) A non-CWS using surface water, in total or in part, shall monitor at the same frequency as a like-sized CWS, as specified in subsection (b), regardless of the number of persons it serves.
- 4) A non-CWS using groundwater under the direct influence of surface water, shall monitor at the same frequency as a like-sized CWS, as specified in subsection (b). The supplier shall begin monitoring at this frequency beginning six months after Public Health determines that the groundwater is under the direct influence of surface water.
- d) The supplier shall collect samples at regular time intervals throughout the month, except that a supplier which uses groundwater (except groundwater under the direct influence of surface water) and serves 4,900 persons or fewer, may collect all required samples on a single day if they are taken from different sites.

- e) A PWS that uses surface water or groundwater under the direct influence of surface water, and does not practice filtration in compliance with Subpart B, shall collect at least one sample near the first service connection each day the turbidity level of the source water, measured as specified in Section 611.532(b), exceeds 1 NTU. This sample must be analyzed for the presence of total coliforms. When one or more turbidity measurements in any day exceed 1 NTU, the supplier shall collect this coliform sample within 24 hours of the first exceedance, unless the Agency has determined, by special exception permit, that the supplier, for logistical reasons outside the supplier's control, cannot have the sample analyzed within 30 hours of collection. Sample results from this coliform monitoring must be included in determining compliance with the MCL for total coliforms in Section 611.325.

- f) Special purpose samples, such as those taken to determine whether disinfection practices are sufficient following pipe placement, replacement or repair, must not be used to determine compliance with the MCL for total coliforms in Section 611.325.

BOARD NOTE: Derived from 40 CFR 141.21(a) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.522 Repeat Coliform Monitoring

- a) If a routine sample is total coliform-positive, the supplier shall collect a set of repeat samples within 24 hours of being notified of the positive result. A supplier which collects more than one routine sample per month shall collect no fewer than three repeat samples for

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

each total coliform-positive sample found. A supplier which collects one routine sample per month or fewer shall collect no fewer than four repeat samples for each total coliform-positive sample found. The Agency shall extend the 24-hour limit on a case-by-case basis if the supplier has a logistical problem in collecting the repeat samples within 24 hours that is beyond its control. In the case of an extension, the Agency shall specify how much time the supplier has to collect the repeat samples.

- b) The supplier shall collect at least one repeat sample from the sampling tap where the original total coliform-positive sample was taken, and at least one repeat sample at a tap within five service connections upstream and at least one repeat sample at a tap within five service connections downstream of the original sampling site. If a total coliform-positive sample is at the end of the distribution system, or one away from the end of the distribution system, the Agency may waive the requirement to collect at least one repeat sample upstream or downstream of the original sampling site.

- c) The supplier shall collect all repeat samples on the same day, except that the Agency shall allow a supplier with a single service connection to collect the required set of repeat samples over a four-day period or to collect a larger volume repeat sample(s) in one or more sample containers of any size, as long as the total volume collected is at least 400 ml (300 ml for PWSs which collect more than one routine sample per month).

- d) If one or more repeat samples in the set is total coliform-positive, the supplier shall collect an additional set of repeat samples in the manner specified in subsections (a) through (c). The additional samples must be collected within 24 hours of being notified of the positive result, unless the Agency extends the limit as provided in subsection (a). The supplier shall repeat this process until either total coliforms are not detected in one complete set of repeat samples or the supplier determines that the MCL for total coliforms in Section 611.325 has been exceeded and notifies the Agency.

- e) If a supplier collecting fewer than five routine samples/month has one or more total coliform-positive samples and the Agency does not invalidate the sample(s) under Section 611.523, the supplier shall collect at least five routine samples during the next month the supplier provides water to the public, unless the Agency determines that the conditions of subsection (e)(1) or (2) are met. This does not apply to the requirement to collect repeat samples in subsections (a) through (d). The supplier does not have to collect the samples if:

- 1) The Agency performs a site visit before the end of the next

month the supplier provides water to the public. Although a sanitary survey need not be performed, the site visit must be sufficiently detailed to allow the Agency to determine whether additional monitoring or any corrective action is needed.

- 2) The Agency has determined why the sample was total coliform-positive and establishes that the supplier has corrected the problem or will correct the problem before the end of the next month the supplier serves water to the public.
- A) The Agency shall document this decision in writing, and make the document available to USEPA and the public. The written documentation must describe the specific cause of the total coliform-positive sample and what action the supplier has taken or will take to correct the problem.
- B) The Agency cannot waive the requirement to collect five routine samples the next month the supplier provides water to the public solely on the grounds that all repeat samples are total coliform-negative.
- C) Under this subsection, a supplier shall still take at least one routine sample before the end of the next month it serves water to the public and use it to determine compliance with the MCL for total coliforms in Section 611.325, unless the Agency has determined that the supplier has corrected the contamination problem before the supplier took the set of repeat samples required in subsections (a) through (d), and all repeat samples were total coliform-negative.
- f) After a supplier collects a routine sample and before it learns the results of the analysis of that sample, if it collects another routine sample(s) from within five adjacent service connections of the initial sample, and the initial sample, after analysis, is found to contain total coliforms, then the supplier may count the subsequent sample(s) as a repeat sample instead of as a routine sample.
- g) Results of all routine and repeat samples not invalidated pursuant to Section 611.523 must be included in determining compliance with the MCL for total coliforms in Section 611.325.

BOARD NOTE: Derived from 40 CFR 141.21(b) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.523 Invalidation of Total Coliform Samples

A total coliform-positive sample invalidated under this Section does not count towards meeting the minimum monitoring requirements.

- a) The Agency shall invalidate a total coliform-positive sample only if the conditions of subsection (a)(1), (2) or (3) are met.
- 1) The laboratory establishes that improper sample analysis caused the total coliform-positive result.
- 2) The Agency, on the basis of the results of repeat samples collected as required by Section 611.522(a) through (d) determines that the total coliform-positive sample resulted from a domestic or other non-distribution system plumbing problem. The Agency cannot invalidate a sample on the basis of repeat sample results unless all repeat sample(s) collected at the same tap as the original total coliform-positive sample are also total coliform-positive, and all repeat samples collected within five service connections of the original tap are total coliform-negative (e.g., Agency cannot invalidate a total coliform-positive sample on the basis of repeat samples if all the repeat samples are total coliform-negative, or if the supplier has only one service connection).
- 3) The Agency determines that a total coliform-positive result is due to a circumstance or condition which does not reflect water quality in the distribution system. In this case, the supplier shall still collect all repeat samples required under Section 611.522(a) through (d) and use them to determine compliance with the MCL for total coliforms in Section 611.325. To invalidate a total coliform-positive sample under this subsection, the decision with the rationale for the decision must be documented in writing. The Agency shall make this document available to USEPA and the public. The written documentation must state the specific cause of the total coliform-positive sample, and what action the supplier has taken, or will take, to correct this problem. The Agency shall not invalidate a total coliform-positive sample solely on the grounds that all repeat samples are total coliform-negative.

- b) A laboratory shall invalidate a total coliform sample (unless total coliforms are detected) if the sample produces a turbid culture in the absence of gas production using an analytical method where gas formation is examined (e.g., the Multiple-Tube Fermentation Technique), produces a turbid culture in the absence of an acid reaction in the P-A Coliform Test, or exhibits confluent growth or produces colonies too numerous to count with an analytical method using a membrane filter (e.g., Membrane Filter Technique). If a laboratory invalidates a sample because of such interference, the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

supplier shall collect another sample from the same location as the original sample within 24 hours of being notified of the interference problem, and have it analyzed for the presence of total coliforms. The supplier shall continue to re-sample within 24 hours and have the samples analyzed until it obtains a valid result. The Agency shall waive the 24-hour time limit on a case-by-case basis, if it is not possible to collect the sample within that time.

BOARD NOTE: Derived from 40 CFR 141.21(c) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.524 Sanitary Surveys

a) Requirement to conduct a sanitary survey.

- 1) Suppliers which do not collect five or more routine samples per month shall undergo an initial sanitary survey by June 29, 1994, for CWS suppliers and June 29, 1999, for non-CWS suppliers. Thereafter, suppliers shall undergo another sanitary survey every five years, except that non-CWS suppliers using only disinfected groundwater, from a source which is not under the direct influence of surface water, shall undergo subsequent sanitary surveys at least every ten years after the initial sanitary survey. The Agency or, for non-CWSs, Public Health shall review the results of each sanitary survey to determine whether the existing monitoring frequency is adequate and what additional measures, if any, the supplier needs to undertake to improve drinking water quality.

- 2) In conducting a sanitary survey of a PWS using groundwater, information on sources of contamination within the delineated wellhead protection area that was collected in the course of developing and implementing the wellhead protection program should be considered instead of collecting new information, if the information was collected since the last time the PWS was subject to a sanitary survey.

b) Sanitary surveys must be performed by the Agency. The PWS is responsible for ensuring the survey takes place.

BOARD NOTE: Derived from 40 CFR 141.21(d) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.525 Fecal Coliform and E. Coli Testing

- a) If any routine or repeat sample is total coliform-positive, the supplier shall analyze that total coliform-positive culture medium to determine if fecal coliforms are present, except that the supplier

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

may test for E. coli in lieu of fecal coliforms. If fecal coliforms or E. coli are present, the supplier shall notify the Agency by the end of the day when the supplier is notified of the test result, unless the supplier is notified of the result after the Agency office is closed, in which case the supplier shall notify the Agency before the end of the next business day. The supplier need not notify the Agency if the original sample was analyzed in an Agency laboratory.

- b) The Agency may allow a supplier, on a case-by-case basis, to forgo fecal coliform or E. coli testing on a total coliform-positive sample if that supplier assumes that the total coliform-positive sample is fecal coliform-positive or E. coli-positive. Accordingly, the supplier shall notify the Agency as specified in subsection (a) and the provisions of Section 611.325(b) apply.

BOARD NOTE: Derived from 40 CFR 141.21(e) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.526 Analytical Methodology

- a) The standard sample volume required for total coliform analysis, regardless of analytical method used, is 100 ml.
- b) Suppliers need only determine the presence or absence of total coliforms, a determination of total coliform density is not required.
- c) Suppliers shall conduct total coliform analyses in accordance with one of the following analytical methods, incorporated by reference in Section 611.102:

- 1) Multiple-Tube Fermentation (MTF) Technique, as set forth in:
 - A) Standard Methods, 16th Edition, Method 908, 908A and 908B, except that 10 fermentation tubes must be used; or
 - B) Microbiological Methods, Part III, Section B.4.1-4.6.4, pp. 114-118, (Most Probable Number Method), except that 10 fermentation tubes must be used; or
- 2) Membrane Filter (MF) Technique, as set forth in:
 - A) Standard Methods, 16th Edition, Method 909, 909A and 909B; or
 - B) Microbiological Methods, Part III, Section B.2.1-2.6, pp. 108-112; or
- 3) P-A Coliform Test, as set forth in: Standard Methods, 16th

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Edition, Method 908E.

- d) In lieu of the 10-tube MTF Technique specified in subsection (c)(1), a supplier may use the MTF Technique using either five tubes (20-ml sample portions) or a single culture bottle containing the culture medium for the MTF Technique, i.e., lauryl tryptose broth (formulated as described in Standard Methods, 16th Edition, Method 908A, incorporated by reference in Section 611.102) as long as a 100-ml water sample is used in the analysis.

- e) Suppliers shall conduct fecal coliform analysis in accordance with the following procedure:

- 1) When the MTF Technique or P-A Coliform Test is used to test for total coliforms, shake the lactose-positive presumptive tube or P-A bottle vigorously and transfer the growth with a sterile 3-mm loop or sterile applicator stick into brilliant green lactose bile broth and EC medium, defined below, to determine the presence of total and fecal coliforms, respectively.
- 2) For Microbiological Methods, referenced above, which use a membrane filter, remove the membrane containing the total coliform colonies from the substrate with a sterile forceps and carefully curl and insert the membrane into a tube of EC medium. (The laboratory may first remove a small portion of selected colonies for verification). Gently shake the inoculated EC tubes to insure adequate mixing and incubate in a waterbath at 44.5 ± 0.2 degrees C for 24 ± 2 hours. Gas production of any amount in the inner fermentation tube of the EC medium indicates a positive fecal coliform test.

- 3) The preparation of EC medium is described in Standard Methods, 16th Edition, Method 908C.

- 4) Suppliers need only determine the presence or absence of fecal coliforms, a determination of fecal coliform density is not required.

BOARD NOTE: Derived from 40 CFR 141.21(f) (1969), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.527 Response to Violation

- a) A supplier which has exceeded the MCL for total coliforms in Section 611.325 shall report the violation to the Agency no later than the end of the next business day after it learns of the violation, and notify the public in accordance with Subpart T.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- b) A supplier which has failed to comply with a coliform monitoring requirement, including the sanitary survey requirement, shall report the monitoring violation to the Agency within ten days after the supplier discovers the violation, and notify the public in accordance with Subpart T.

BOARD NOTE: Derived from 40 CFR 141.21(g) (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.531 Analytical Requirements

Only the analytical method(s) specified in this Section may be used to demonstrate compliance with the requirements of Subpart B. Measurements for pH, temperature, turbidity and RDCs must be conducted under the supervision of a certified operator. Measurements for total coliforms, fecal coliforms and HPC must be conducted by a laboratory certified by the Agency to do such analysis. The following procedures must be performed by the following methods, incorporated by reference in Section 611.102:

- a) Fecal coliform concentration: Standard Methods, 16th Edition, Methods 908C, 908D or 909C.
 - b) Total coliform concentration: Standard Methods, 16th Edition, Methods 908A, 908B, 908D, 909A or 909B.
- BOARD NOTE: Suppliers may use a five-tube test or a ten-tube test.
- c) HPC: Standard Methods, 16th Edition, Method 907A.
 - d) Turbidity: Standard Methods, 16th Edition, Method 214A.

e) RDC:

- 1) Free chlorine and combined chlorine (chloramines) must be measured by Standard Methods, 16th Edition, Method 408C, 408D, 408E or 408F.
- 2) Ozone must be measured by the Indigo method, or automated methods which are calibrated in reference to the results obtained by the Indigo method on a regular basis, if approved by the Agency.

- 3) Chlorine dioxide must be measured by Standard Methods, 16th Edition, Methods 410B or 410C.

- f) Temperature: Standard Methods, 16th Edition, Method 212.

- g) pH: Standard Methods, 16th Edition, Method 423.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

BOARD NOTE: Derived from 40 CFR 141.74(a) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.532 Unfiltered PWSs

A supplier that uses a surface water source and does not provide filtration treatment shall begin monitoring December 31, 1990, unless the Agency has determined, pursuant to Section 611.211, that filtration is required, in which case the Agency shall specify alternative monitoring requirements, as appropriate, until filtration is in place. A supplier that uses a groundwater source under the direct influence of surface water and does not provide filtration treatment shall begin monitoring beginning December 31, 1990, or 6 months after the Agency determines, pursuant to Section 611.212, that the groundwater source is under the direct influence of surface water, whichever is later, unless the Agency has determined that filtration is required, in which case the Agency shall specify alternative monitoring requirements, as appropriate, until filtration is in place.

a) Fecal coliform or total coliform density measurements as required by Section 611.231(a) must be performed on representative source water samples immediately prior to the first or only point of disinfectant application. The supplier shall sample for fecal or total coliforms at the minimum frequency specified in Table B each week the supplier serves water to the public. Also, one fecal or total coliform density measurement must be made every day the supplier serves water to the public and the turbidity of the source water exceeds 1 NTU (these samples count towards the weekly coliform sampling requirement) unless the Agency determines that the supplier, for logistical reasons outside the supplier's control cannot have the sample analyzed within 30 hours of collection.

b) Turbidity measurements as required by Section 611.231(b) must be performed on representative grab samples of source water immediately prior to the first or only point of disinfectant application every four hours (or more frequently) that the supplier serves water to the public. A supplier may substitute continuous turbidity monitoring for grab sample monitoring if it validates the continuous measurement for accuracy on a regular basis using a protocol approved by special exception permit.

c) The total inactivation ratio for each day that the supplier is in operation must be determined based on the CT99.9 values in Appendix B as appropriate. The parameters necessary to determine the total inactivation ratio must be monitored as follows:

- 1) The temperature of the disinfected water must be measured at least once per day at each RDC sampling point.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 2) If the supplier uses chlorine, the pH of the disinfected water must be measured at least once per day at each chlorine RDC sampling point.
- 3) The disinfectant contact time(s) ("T") must be determined for each day during peak hourly flow.
- 4) The RDC(s) ("C") of the water before or at the first customer must be measured each day during peak hourly flow.
- 5) If a supplier uses a disinfectant other than chlorine, the supplier may monitor by other methods approved pursuant to Section 611.241(a)(1) and (2).

d) The total inactivation ratio must be calculated as follows:

- 1) If the supplier uses only one point of disinfectant application, the supplier may determine the total inactivation ratio based on either of the following two methods:

A) One inactivation ratio ($A_i = CT_{calc}/CT_{99.9}$) is determined before or at the first customer during peak hourly flow and, if the A_i is greater than 1.0, the 99.9 percent Giardia lamblia inactivation requirement has been achieved; or

B) Successive A_i values, representing sequential inactivation ratios, are determined between the point of disinfectant application and a point before or at the first customer during peak hourly flow. Under this alternative, the following method must be used to calculate the total inactivation ratio:

- i) Determine, for each sequence:

$$A_i = CT_{calc}/CT_{99.9}$$

- ii) Add the A_i values together:

$$B = \sum(A_i)$$

- iii) If B is greater than 1.0, the 99.9 percent Giardia lamblia inactivation requirement has been achieved.

- 2) If the supplier uses more than one point of disinfectant application before or at the first customer, the supplier shall determine the CT value of each disinfection sequence immediately

prior to the next point of disinfectant application during peak hourly flow. The A_i value of each sequence and B must be calculated using the method in subsection (d)(1)(B) to determine if the supplier is in compliance with Section 611.241.

- 3) Although not required, the total percent inactivation (PI) for a supplier with one or more points of RDC monitoring may be calculated as follows:

$$PI = 100 - (100/10^{3B})$$

- e) The RDC of the water entering the distribution system must be monitored continuously, and the lowest value must be recorded each day, except that if there is a failure in the continuous monitoring equipment, grab sampling every 4 hours may be conducted in lieu of continuous monitoring, but for no more than 5 working days following the failure of the equipment, and suppliers serving 3,300 or fewer persons may take grab samples in lieu of providing continuous monitoring on an ongoing basis at the frequencies prescribed in Table C. If at any time the RDC falls below 0.2 mg/L in a system using grab sampling in lieu of continuous monitoring, the supplier shall take a grab sample every 4 hours until the RDC is equal to or greater than 0.2 mg/L.

- f) Points of measurement.

- 1) The RDC must be measured at least at the same points in the distribution system and at the same time as total coliforms are sampled, as specified in Section 611.521 et seq., except that the Agency shall allow a supplier which uses both a surface water source or a groundwater source under direct influence of surface water, and a groundwater source to take disinfectant residual samples at points other than the total coliform sampling points if the Agency determines, by special exception permit, that such points are more representative of treated (disinfected) water quality within the distribution system. HPC may be measured in lieu of RDC.

- 2) If the Agency determines, pursuant to Section 611.213, a supplier has no means for having a sample analyzed for HPC, the requirements of subsection (f)(1) do not apply to that supplier.

BOARD NOTE: Derived from 40 CFR 141.74(b) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.533 Filtered PWSs

A supplier that uses a surface water source or a groundwater source under the

influence of surface water and provides filtration treatment shall monitor in accordance with this Section beginning June 29, 1993, or when filtration is installed, whichever is later.

- a) Turbidity measurements as required by Section 611.250 must be performed on representative samples of the PWS's filtered water every four hours (or more frequently) that the supplier serves water to the public. A supplier may substitute continuous turbidity monitoring for grab sample monitoring if it validates the continuous measurement for accuracy on a regular basis using a protocol approved by special exception permit. For any suppliers using slow sand filtration or filtration treatment other than conventional treatment, direct filtration or diatomaceous earth filtration, the Agency shall, by special exception permit, condition, reduce the sampling frequency to once per day if it determines that less frequent monitoring is sufficient to indicate effective filtration performance. For suppliers serving 500 or fewer persons, the Agency shall, by special exception permit, reduce the turbidity sampling frequency to once per day, regardless of the type of filtration treatment used, if the Agency determines that less frequent monitoring is sufficient to indicate effective filtration performance.

- b) RDC entering distribution system.

- 1) Suppliers serving more than 3300 persons. The RDC of the water entering the distribution system must be monitored continuously, and the lowest value must be recorded each day, except that, if there is a failure in the continuous monitoring equipment, grab sampling every 4 hours may be conducted in lieu of continuous monitoring, but for no more than 5 working days following the failure of the equipment.

- 2) Suppliers serving 3,300 or fewer persons may take grab samples in lieu of providing continuous monitoring on an ongoing basis at the frequencies each day prescribed in Table C. If at any time the RDC falls below 0.2 mg/L in a system using grab sampling in lieu of continuous monitoring, the supplier shall take a grab sample every 4 hours until RDC is equal to or greater than 0.2 mg/L.

- c) Points of measurement.

- 1) The RDC must be measured at least at the same points in the distribution system and at the same time as total coliforms are sampled, as specified in 611.521 et seq., except that the Agency shall allow a supplier which uses both a surface water source or a groundwater source under direct influence of surface water, and a groundwater source, to take RDC samples at points other

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

than the total coliform sampling points if the Agency determines that such points are more representative of treated (disinfected) water quality within the distribution system. HPC may be measured in lieu of RDC.

- 2) Subsection (c)(1) does not apply if the Agency determines, pursuant to Section 611.213(c), that a system has no means for having a sample analyzed for HPC.

BOARD NOTE: Derived from 40 CFR 141.74(c) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

SUBPART M: TURBIDITY MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.560 Turbidity

The requirements in this Section apply to unfiltered PWSs until December 30, 1991, unless the Agency has determined prior to that date that filtration is required. The requirements in this Section apply to filtered PWSs until June 29, 1993. The requirements in this Section apply to unfiltered PWSs that the Agency has determined must install filtration, until June 29, 1993, or until filtration is installed, whichever is later.

- a) Suppliers shall take samples at representative entry point(s) to the distribution system at least once per day, for the purposes of making turbidity measurements to determine compliance with Section 611.320.

- 1) If Public Health determines that a reduced sampling frequency in a non-CWS will not pose a risk to public health, it shall reduce the required sampling frequency. The option of reducing the turbidity frequency will be permitted only in those suppliers that practice disinfection and which maintain an active RDC in the distribution system, and in those cases where Public Health has indicated in writing that no unreasonable risk to health existed under the circumstances of this option.

- 2) The turbidity measurements must be made in accordance with the following methods, incorporated by reference in Section 611.102:

- A) By the Nephelometric Method:
 - i) Standard Methods, 16th Edition, Method 214A; or
 - ii) Inorganic Methods, Method 180.1.
- B) Calibration of the turbidimeter must be made either by the use of a formazin standard as specified in the cited

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

references, or a styrene divinylbenzene polymer standard (Amco-AEPA-1 Polymer).

- b) If the result of a turbidity analysis indicates that the maximum allowable limit has been exceeded, the sampling and measurement must be confirmed by resampling as soon as practicable and preferably within one hour. If the repeat sample confirms that the maximum allowable limit has been exceeded, the supplier of water shall report to the Agency within 48 hours. The repeat sample must be the sample used for the purpose of calculating the monthly average. If the monthly average of the daily samples exceeds the maximum allowable limit, or if the average of two samples taken on consecutive days exceeds 5 NTU, the supplier of water shall report to the Agency and notify the public as directed in Subpart T.

- c) Sampling for non-CWSs must begin by June 29, 1991.

- d) This Section applies only to suppliers which use water obtained in whole or in part from surface sources.

BOARD NOTE: Derived from 40 CFR 141.22 (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989.

SUBPART N: INORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.601 Requirements

- a) Analyses for the purpose of determining compliance with Section 611.300 are required as follows:

- 1) Analyses for all CWSs utilizing surface water sources must be repeated at yearly intervals.

BOARD NOTE: This applies also to additional State requirements.

- 2) Analyses for all CWSs utilizing only groundwater sources must be repeated at three-year intervals.

BOARD NOTE: This applies also to additional State requirements.

- 3) For non-CWSs, whether supplied by surface or groundwater sources, analyses for nitrate must be repeated at intervals specified by Public Health.

- b) If the result of an analysis made under subsection (a) or Section 611.607 indicates that the level of any contaminant listed in Section 611.300 exceeds the MCL, the supplier shall report to the Agency within 7 days and initiate three additional analyses at the same

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

sampling point within one month.

BOARD NOTE: This applies also to additional State requirements.

- c) When the average of four analyses made pursuant to subsection (b), rounded to the same number of significant figures as the MCL for the substance in question, exceeds the MCL, the supplier shall notify the Agency and give notice to the public pursuant to Subpart T. Monitoring after public notification must be at a frequency designated by the Agency and must continue until the MCL has not been exceeded in two successive samples or until a monitoring schedule as a condition to a variance, adjusted standard, site specific rule or enforcement action becomes effective.

BOARD NOTE: This applies also to additional State requirements.

- d) The provisions of subsections (b) and (c) notwithstanding, compliance with the MCL of nitrate must be determined on the basis of the mean of two analyses. When a level exceeding the MCL for nitrate is found, a second analysis must be initiated within 24 hours, and if the mean of the two analyses exceeds the MCL, the supplier of water shall report his findings to the Agency and shall notify the public pursuant to Subpart T.

BOARD NOTE: Derived from 40 CFR 141.23(a) through (d) (1989).

Section 611.602 Violation of State MCL

This Section applies to MCLs which are marked as "additional State requirements", and for which no specific monitoring, reporting or public notice requirements are specified below. If the results of analysis pursuant to this Part indicates that the level of any contaminant exceeds the MCL, the CWS supplier shall:

- Report to the Agency within seven days, and initiate three additional analyses at the same sampling point within one month;
- Notify the Agency and give public notice as specified in Subpart T, when the average of four analyses, rounded to the same number of significant figures as the MCL for the contaminant in question, exceeds the MCL; and,
- Monitor, after public notification, at a frequency designated by the Agency, and continue monitoring until the MCL has not been exceeded in two consecutive samples, or until a monitoring schedule as a condition of a variance or enforcement action becomes effective.

BOARD NOTE: This is an additional State requirement.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section 611.603 Frequency of State Monitoring

This Section applies to MCLs which are marked as "additional State requirements", and for which no specific monitoring, reporting or public notice requirements are specified below.

- Analyses for all CWS suppliers utilizing surface water sources must be repeated at yearly intervals.
- Analyses for all CWS suppliers utilizing only groundwater sources must be repeated at three-year intervals.

BOARD NOTE: This is an additional State requirement.

Section 611.606 Analytical Methods

Analyses conducted to determine compliance with Section 611.300 must be made in accordance with the following methods, incorporated by reference in Section 611.102. For approved analytical procedures for metals, the technique applicable to total metals must be used.

a) Arsenic:

- ASTM Method D2972; or
- Standard Methods, 14th Edition:

- Method 301A VII; or
- Method 404A and 404B(4); or
- USGS Methods, Method I-1062-78, pp. 61-63, Atomic Absorption - Gaseous Hydride; or
- Inorganic Methods:

- Method 206.2, Atomic Absorption Furnace Technique; or
- Method 206.3; or
- Method 206.4; or

- Inductively Coupled Plasma Method 200.7.

b) Barium:

- Standard Methods, 14th Edition, Method 301A IV; or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 2) Inorganic Methods:
- A) Method 208.1; or
 - B) Method 208.2, Atomic Absorption Furnace Technique; or
- 3) Inductively Coupled Plasma Method 200.7.
- c) Cadmium:
- 1) ASTM Method D3557 A or B; or
 - 2) Standard Methods, 14th Edition, Methods 301A II or III; or
 - 3) Inorganic Methods:
 - A) Method 213.1; or
 - B) Method 213.2, Atomic Absorption Furnace Technique; or
- 4) Inductively Coupled Plasma Method 200.7.
- d) Chromium:
- 1) ASTM Method D 1687; or
 - 2) Standard Methods, 14th Edition, Methods 301A II or III; or
 - 3) Inorganic Methods:
 - A) Method 218.1; or
 - B) Method 218.2, Atomic Absorption Furnace Technique; or
 - 4) Inductively Coupled Plasma Method 200.7.
- e) Lead:
- 1) ASTM Method D 3559 A or B; or
 - 2) Standard Methods, 14th Edition, Methods 301A II or III; or
 - 3) Inorganic Methods:
 - A) Method 239.1; or
 - B) Method 239.2, Atomic Absorption Furnace Technique.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 4) Inductively Coupled Plasma Method 200.7.
- f) Mercury:
- 1) ASTM Method D 3223; or
 - 2) Standard Methods, 14th Edition, Method 301A VI, Cold Vapor Technique; or
 - 3) Inorganic Methods:
 - A) Method 245.1; or
 - B) Method 245.2, Automated Cold Vapor Technique.
- g) Nitrate:
- 1) ASTM:
 - A) Method D 3867 A or B; or
 - B) Method D 992; or
 - 2) Standard Methods, 14th Edition:
 - A) Method 419C, Spectrometric, Cadmium Reduction;
 - B) Method 419D, Colorimetric Brucine; or
 - C) Method 605, Automated Cadmium Reduction.
 - 3) Inorganic Methods:
 - A) Method 352.1; or
 - B) Method 353.1, Automated Hydrazine Reduction; or
 - C) Method 353.2; or
 - D) Method 353.3; or
- h) Selenium:
- 1) Inorganic Methods
 - A) Method 270.2, Atomic Absorption Furnace Technique; or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

B) Method 270.3; or

3) USGS Methods, Method I-1667-78, pp. 237-239; or

4) ASTM Method D 3859; or

5) Standard methods, 14th Edition, Method 301A VII, Hydride Generation - Atomic Absorption Spectrophotometry.

i) Silver:

1) Standard Methods, 14th Edition, Methods 301A II; or

2) Inorganic Methods:

A) Method 272.1; or

B) Method 272.2, Atomic Absorption Furnace Technique; or

3) Inductively Coupled Plasma Method 200.7.

j) Fluoride:

1) ASTM D 1179 A or B; or

2) Standard Methods, 16th Edition:

A) Methods 43A and 43C;

B) 413B; or

C) 413E; or

3) Inorganic Methods:

A) Method 340.1;

B) Method 340.2;

C) Method 340.3; or

4) Technicon Methods, Methods 129-71W or 380-75WE

BOARD NOTE: Derived from 40 CFR 141.23(f) (1989).

k) Manganese:

1) ASTM D 850;

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

2) Standard Methods, 16th Edition, Method 303A.

3) Inorganic Methods: Methods 243.1 or 243.2; or

4) Inductively Coupled Plasma Method 200.7.

BOARD NOTE: These methods are used for additional State requirements.

l) Iron:

1) Inorganic Methods: 236.1 or 236.2; or

2) Inductively Coupled Plasma Method 200.7.

3) Standard Methods, 16th Edition, Method 303A

BOARD NOTE: These methods are used for additional State requirements.

m) Copper:

1) ASTM D 1688 D or E;

2) Standard Methods, 16th Edition:

A) Methods 303A or B;

B) Method 304; or

BOARD NOTE: These methods are used for additional State requirements.

3) Inorganic Methods: 220.1 or 220.2; or

4) Inductively Coupled Plasma Method 200.7.

n) Zinc:

1) Inorganic Methods 289.1 or 289.2; or

2) Standard Methods, 16th Edition, Method 303A

BOARD NOTE: These methods are used for additional State requirements.

o) Cyanide:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 1) Inorganic Method 335.2; or
- 2) Standard Methods, 16th Edition, Method 4120

BOARD NOTE: These methods are used for additional State requirements.

Section 611.607 Fluoride Monitoring

In addition to complying with Section 611.601 through 611.606, suppliers monitoring for fluoride shall comply with the requirements of this Section.

a) Sampling points.

- 1) Where the PWS draws water from one source, the supplier shall take one sample at the entry point to the distribution system.
- 2) Where the PWS draws water from more than one source, the supplier shall sample each source at the entry points to the distribution system.
- 3) If the PWS draws water from more than one source and sources are combined before distribution, the supplier shall sample at an entry point to the distribution system during periods representative of the maximum fluoride levels occurring under normal operating conditions.

- b) The Agency shall, by special exception permit, alter the frequencies for fluoride monitoring as set out in Section 611.601(a) to increase or decrease such frequency considering the following factors:

- 1) Reported concentrations from previously required monitoring,
 - 2) The degree of variation in reported concentrations and,
 - 3) Other factors which affect fluoride concentrations such as changes in pumping rates in groundwater supplies or significant changes in the PWS's configuration, operating procedures, source of water and changes in stream flows.
- c) Monitoring shall be decreased from the frequencies specified in Section 611.601(a) upon application by the supplier if the Agency determines that the supplier is unlikely to exceed the MCL, considering the factors listed in subsection (b). Such determination must be by special exception permit. In no case shall monitoring be reduced to less than one sample every 10 years. For suppliers monitoring once every 10 years, the Agency shall review the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

monitoring results every ten years to determine whether more frequent monitoring is necessary.

- d) Analyses for fluoride under this Section may only be used for determining compliance if conducted by laboratories that have analyzed performance evaluation samples to within $\pm 10\%$ of the reference value at fluoride concentrations from 1.0 mg/L to 10.0 mg/L, within the last 12 months. See 35 Ill. Adm. Code 183.125(c)(3).

- e) Compliance with the MCL must be determined based on each sampling point. If any sampling point is determined to be out of compliance, the supplier is deemed to be out of compliance.

BOARD NOTE: Derived from 40 CFR 141.23(g) (1989).

Section 611.610 Special Monitoring for Sodium

- a) CWS suppliers shall collect and analyze one sample per plant at the entry point of the distribution system for the determination of sodium concentration levels; samples must be collected and analyzed annually for CWSs utilizing surface water sources in whole or in part, and at least every three years for CWSs utilizing solely groundwater sources. The minimum number of samples required to be taken by the supplier is based on the number of treatment plants used by the supplier, except that multiple wells drawing raw water from a single aquifer may, with the Agency approval, be considered one treatment plant for determining the minimum number of samples. The Agency shall require the supplier to collect and analyze water samples for sodium more frequently in locations where the sodium content is variable.

- b) The CWS supplier shall report to the Agency the results of the analyses for sodium within the first 10 days of the month following the month in which the sample results were received or within the first 10 days following the end of the required monitoring period as specified by special exception permit, whichever of these is first. If more than annual sampling is required the supplier shall report the average sodium concentration within 10 days of the month following the month in which the analytical results of the last sample used for the annual average was received.

- c) The CWS supplier shall notify the Agency and appropriate local public health officials of the sodium levels by written notice by direct mail within three months. A copy of each notice required to be provided by this subsection must be sent to the Agency within 10 days of its issuance.

- d) Analyses for sodium must be performed by the following methods, incorporated by reference in Section 611.102:

- 1) Standard Methods, 14th Edition, Method 3253, flame photometric method;
- 2) Inorganic Methods:
 - A) Method 273.1, Atomic Absorption - Direct Aspiration; or
 - B) Method 273.2, Atomic Absorption - Graphite Furnace; or
- 3) ASTM Method D1428.

BOARD NOTE: Derived from 40 CFR 141.41 (1989).

SUBPART O: ORGANIC MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.641 Sampling and Analytical Requirements

- a) An analysis of substances for the purpose of determining compliance with Section 611.310(a) and (b) must be made as follows:

- 1) The Agency shall, by special exception permit, require CWS suppliers utilizing surface water sources to collect samples during the period of the year when contamination by pesticides is most likely to occur. The Agency shall require the supplier to repeat these analyses at least annually.

BOARD NOTE: This applies also to additional State requirements.

- 2) The Agency shall, by special exception permit, require CWS suppliers utilizing only groundwater sources to collect samples at least once every three years.

BOARD NOTE: This applies also to additional State requirements.

- b) If the result of an analysis made pursuant to subsection (a) indicates that the level of any contaminant listed in Section 611.310 (a) and (b) exceeds the MCL, the CWS supplier shall report to the Agency within 7 days and initiate three additional analyses within one month.

- c) When the average of four analyses made pursuant to subsection (b), rounded to the same number of significant figures as the MCL for the substance in question, exceeds the MCL, the CWS supplier shall report to the Agency and give notice to the public pursuant to Subpart T. Monitoring after public notification must be at a frequency

designated by the Agency and must continue until the MCL has not been exceeded in two successive samples or until a monitoring schedule as a condition to a variance, adjusted standard or enforcement action becomes effective.

BOARD NOTE: Derived from 40 CFR 141.24(a) through (d) (1989).

Section 611.645 Analytical Methods

- a) Analysis made to determine compliance with Section 611.310(a) must be made in accordance with the following methods, incorporated by reference in Section 611.102, or alternative methods approved pursuant to Section 611.480:

- 1) Pesticide Methods; or
- 2) ASTM Method D 3086; or
- 3) Standard Methods, 14th Edition, Method 509A; or
- 4) USGS Methods, Book 5, Chapter A-3, pp. 24-39; or
- 5) SPE Test Method Number SPE-500

- b) Analysis made to determine compliance with Section 611.310(b) must be conducted in accordance with:

- 1) Pesticide Methods; or
- 2) ASTM Method D 3478; or
- 3) Standard Methods, 14th Edition, Method 509B; or
- 4) USGS Method, Book 5, Chapter A-3, pp. 24-39.

BOARD NOTE: Derived from 40 CFR 141.24(e,f) (1989).

Section 611.648 Sampling for VOCs

Analysis of the VOCs listed in Section 611.311(a) for purposes of determining compliance with the MCLs must be conducted as follows:

- a) CWS or NTCWS suppliers using groundwater sources shall sample at points of entry to the distribution system representative of each well after any application of treatment. Sampling must be conducted at the same location(s) or more representative location(s) every three months for one year except as provided in subsection (h)(1).

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

b) CWS or NTCWS suppliers using surface water shall sample at points in the distribution system representative of each source or at entry points to the distribution system after any application of treatment. Surface water systems must sample each source every three months except as provided in subsection (h)(2). Sampling must be conducted at the same location or a more representative location each quarter.

c) If the CWS or NTCWS draws water from more than one source and sources are combined before distribution, the supplier shall sample at an entry point to the distribution system during periods of normal operating conditions.

d) Time for sampling.

1) All CWS and NTCWS suppliers serving more than 3,300 people shall analyze all distribution or entry-point samples, as appropriate, representing all source waters.

2) All other CWS and NTCWS suppliers shall analyze distribution or entry-point samples, as required in this paragraph, representing all source waters beginning no later than January 1, 1991.

e) If the results exceed the MCL, the CWS or NTCWS supplier shall initiate three additional analyses at the same sampling point within one month. The sample results must be averaged with the first sampling result and used for compliance determination in accordance with subsection (i). The Agency shall delete results of obvious sampling errors from this calculation.

f) Analysis for vinyl chloride is required only for groundwater systems that have detected one or more of the following two-carbon organic compounds: Trichloroethylene, tetrachloroethylene, 1,2-dichloroethane, 1,1,1-trichloroethane, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene or 1,1-dichloroethylene. The analysis for vinyl chloride is required at each distribution or entry point at which one or more of the two-carbon organic compounds were found. If the first analysis does not detect vinyl chloride, the Agency shall reduce the frequency of vinyl chloride monitoring to once every three years for that sample location or other sample locations which are more representative of the same source.

g) The Agency or suppliers may composite up to five samples from one or more suppliers. Compositing of samples is to be done in the laboratory by the procedures listed below. Samples must be analyzed within fourteen days of collection. If any VOC listed in Section 611.311 is detected in the original composite sample, a sample from each source that made up the composite sample must be reanalyzed

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

individually within fourteen days from sampling. The sample for reanalysis cannot be the original sample but can be a duplicate sample. If duplicates of the original samples are not available, new samples must be taken from each source used in the original composite and analyzed for VOCs. Reanalysis must be accomplished within fourteen days of the second sample. To composite samples, the following procedure must be followed:

1) Compositing samples prior to GC analysis.

A) Add 5 ml or equal larger amounts of each sample (up to 5 samples are allowed) to a 25 ml glass syringe. Special precautions must be made to maintain zero headspace in the syringe.

B) The samples must be cooled at 4 degrees C during this step to minimize volatilization losses.

C) Mix well and draw out a 5-ml aliquot for analysis.

D) Follow sample introduction, purging and desorption steps described in the method.

E) If less than five samples are used for compositing, a proportionately smaller syringe may be used.

2) Compositing samples prior to GC/MS analysis.

A) Inject 5-ml or equal larger amounts of each aqueous sample (up to 5 samples are allowed) into a 25-ml purging device using the sample introduction technique described in the method.

B) The total volume of the sample in the purging device must be 25 ml.

C) Purge and desorb as described in the method.

h) The Agency shall, by special exception permit, reduce the monitoring frequency specified in subsections (a) and (b) if it makes the following determinations:

1) The monitoring frequency for groundwater systems is as follows:

A) When VOCs are not detected in the first sample (or any subsequent samples that may be taken and the CWS is not vulnerable as defined in subsection (h)(4)), monitoring must be reduced to one sample and must be repeated every 5

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

years.

- B) When VOCs are not detected in the first sample (or any subsequent sample that may be taken) and the CWS is vulnerable as defined in subsection (h)(4):
 - i) Monitoring one sample must be repeated every 3 years for CWSs with more than 500 connections.
 - ii) Monitoring one sample must be repeated every 5 years for CWSs with less than 500 connections.
- C) If VOCs are detected in the first sample (or any subsequent sample that may be taken) regardless of vulnerability, monitoring must be repeated every 3 months, as required under subsection (a).
- 2) The repeat monitoring frequency for surface water systems is as follows:
 - A) When VOCs are not detected in the first year of quarterly sampling (or any other subsequent sample that may be taken) and the CWS is not vulnerable as defined in subsection (h)(4), additional monitoring is not required.
 - B) When VOCs are not detected in the first year of quarterly sampling (or any other subsequent sample that may be taken) and the CWS is vulnerable as defined in subsection (h)(4):
 - i) Monitoring must be repeated every three years (for CWS with more than 500 connections).
 - ii) Monitoring must be repeated every five years (for CWS with less than 500 connections).
 - C) When VOCs are detected in the first year of quarterly sampling (or any other subsequent sample that may be taken), regardless of vulnerability, monitoring must be repeated every 3 months, as required under subsection (b).
- 3) The Agency shall, by special exception permit, reduce the frequency of monitoring to once per year for a groundwater system or surface water system detecting VOCs at levels consistently less than the MCL for three consecutive years, unless the levels are increasing.
- 4) The Agency shall, by special exception permit, determine the vulnerability of each CWS based upon an assessment of the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

following factors:

- A) Previous monitoring results.
- B) Number of persons served by CWS.
- C) Proximity of a smaller CWS to a larger CWS.
- D) Proximity to commercial or industrial use, disposal or storage of the VOCs listed in Section 611.311.
- E) Protection of the water source.
- 5) A CWS is deemed to be vulnerable for a period of three years after any positive measurement of one or more contaminants listed in Sections 611.650(e), 611.657(d) or 611.311(a), except for THMs or other demonstrated disinfection by-products.
- i) Compliance with Section 611.311(a) is determined based on the results of running annual average of quarterly sampling for each sampling location. If one location's average is greater than the MCL, then the CWS or NTCWS is deemed to be out of compliance. If a CWS or NTCWS has a distribution system separable from other parts of the distribution system with no interconnections, only that part of the system that exceeds any MCL as specified in Section 611.311(a) is deemed out of compliance. The Agency shall, by special exception permit, reduce the public notice requirement to that portion of the CWS which is out of compliance. If any one sample result would cause the annual average to be exceeded, then the CWS is deemed to be out of compliance immediately. For CWS suppliers that only take one sample per location because no VOCs were detected, compliance is based on that one sample.
- j) Analysis under this Section must be conducted using the following methods or alternatives approved pursuant to Section 611.480. These methods are contained in Organic Methods, incorporated by reference in Section 611.102:
 - 1) Method 502.1.
 - 2) Method 503.1.
 - 3) Method 524.1.
 - 4) Method 524.2.
 - 5) Method 502.2.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- k) Analysis under this Section must only be conducted by laboratories that have received conditional approval by the Agency, pursuant to Section 611.490, according to the following conditions:
- 1) To receive conditional approval to conduct analyses for benzene, vinyl chloride, carbon tetrachloride, 1,2-dichloroethane, trichloroethylene, 1,1-dichloroethylene, 1,1,1-trichloroethane and paradichlorobenzene the laboratory shall:
 - A) Analyze performance evaluation samples which include these substances provided by the Agency.
 - B) Achieve the quantitative acceptance limits under subsection (k)(1)(C) or (D) for at least six of the seven subject organic chemicals.
 - C) Achieve quantitative results on the analyses performed under subsection (k)(1)(A) that are within +/- 20 percent of the actual amount of the substances in the performance evaluation sample when the actual amount is greater than or equal to 0.010 mg/L.
 - D) Achieve quantitative results on the analyses performed under subsection (k)(1)(A) that are within +/- 40 percent of the actual amount of the substances in the performance evaluation sample when the actual amount is less than 0.010 mg/L.
 - E) Achieve a method detection limit of 0.0005 mg/L, according to the procedures in 40 CFR 136, App. B, incorporated by reference in Section 611.102
 - F) Be currently approved by the Agency for the analyses of THMs under Subpart P.
 - 2) To receive conditional approval for vinyl chloride, the laboratory shall:
 - A) Analyze performance evaluation samples provided by the Agency. (See 35 Ill. Adm. Code 183.125(c)(3).)
 - B) Achieve quantitative results on the analyses performed under subsection (k)(2)(A) that are within +/- 40 percent of the actual amount of vinyl chloride in the performance evaluation sample.
 - C) Achieve a method detection limit of 0.0005 mg/L, according to the procedures in 40 CFR 136, App. B, incorporated by

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

reference in Section 611.102.

- D) Receive approval or be currently approved by the Agency under subsection (k)(1).
- m) The Agency shall, by special exception permit, increase required monitoring where it determines that it is necessary to do so to detect variations within the CWS.
- n) See Section 611.100(e).
- o) Each approved laboratory shall determine the method detection limit (MDL), as defined in 40 CFR 136, App. B, incorporated by reference in Section 611.102, at which it is capable of detecting VOCs. The acceptable MDL is 0.0005 mg/L. This concentration is the detection level for purposes of subsections (e), (f), (g) and (h).

BOARD NOTE: Derived from 40 CFR 141.24(g) (1989).

Section 611.650 Monitoring for 36 Contaminants

- a) All CWS and NTNCWS suppliers shall monitor for the contaminants listed in subsection (e) by the following dates:
- 1) Less than 3300 persons served: monitoring to begin no later than January 1, 1991.
 - 2) All others: immediately.
- b) Surface water systems shall sample at points in the distribution system representative of each water source or at entry points to the distribution system after any application of treatment. The minimum number of samples is one year of quarterly samples per water source.
- c) Groundwater systems shall sample at points of entry to the distribution system representative of each well after any application of treatment. The minimum number of samples is one sample per entry point to the distribution system.
- e) CWS and NTNCWS suppliers shall monitor for the following contaminants except as provided in subsection (f):
- 1) Chloroform
 - 2) Bromodichloromethane
 - 3) Chlorodibromomethane

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 4) Bromoform
- 5) trans-1,2-Dichloroethene
- 6) Chlorobenzene
- 7) m-Dichlorobenzene
- 8) Dichloromethane
- 9) cis-1,2-Dichloroethene
- 10) o-Dichlorobenzene
- 11) Dibromomethane
- 12) 1,1-Dichloropropene
- 13) Tetrachloroethylene
- 14) Toluene
- 15) p-Xylene
- 16) o-Xylene
- 17) m-Xylene
- 18) 1,1-Dichloroethane
- 19) 1,2-Dichloropropene
- 20) 1,1,2,2-Tetrachloroethane
- 21) Ethylbenzene
- 22) 1,3-Dichloropropene
- 23) Styrene
- 24) Chloromethane
- 25) Bromomethane
- 26) 1,2,3-Trichloropropene
- 27) 1,1,1,2-Tetrachloroethane

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 28) Chloroethane
- 29) 1,1,2-Trichloroethane
- 30) 2,2-Dichloropropene
- 31) o-Chlorotoluene
- 32) p-Chlorotoluene
- 33) Bromobenzene
- 34) 1,3-Dichloropropene
- 35) Ethylene dibromide (EDB)
- 36) 1,2-Dibromo-3-chloropropene (DBCP)

f) CWS and NTNCWS suppliers shall monitor for EDB and DBCP only if the Agency or, for non-CWSs, Public Health determines they are vulnerable to contamination by either or both of these substances. For the purpose of this subsection, a "vulnerable system" is defined as a system which is potentially contaminated by EDB and DBCP, including surface water systems where these two compounds are applied, manufactured, stored, disposed of or shipped upstream, and for groundwater systems in areas where the compounds are applied, manufactured, stored, disposed of or shipped in the groundwater recharge basin, or for groundwater systems that are in proximity to underground storage tanks that contain leaded gasoline.

BOARD NOTE: Derived from 40 CFR 141.40(a) through (f) (1989).

Section 611.657 Analytical Methods for 36 Contaminants

a) Analysis under Section 611.650 must be conducted using the following methods found in Organic Methods, incorporated by reference in Section 611.102:

- 1) Method 502.1;
- 2) Method 503.1;
- 3) Method 524.1;
- 4) Method 524.2;
- 5) Method 502.2; or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

6) Method 504.

- b) Analysis under this Section must only be conducted by laboratories approved under Section 611.648(k). In addition to the requirements of that Section, each laboratory analyzing for EDB and DBCP shall achieve a method detection limit for EDB and DBCP of 0.00002 mg/L, according to the procedures in 40 CFR 136, App. B, incorporated by reference in Section 611.102.
- c) Suppliers may use monitoring data collected any time after January 1, 1983 to meet the requirements for unregulated monitoring, provided that the monitoring program was consistent with the requirements of this Section. In addition, PWSs may use monitoring data collected any time after January 1, 1983, provided the monitoring was consistent with this Section.
- e) Instead of performing the monitoring required by this Section, a CWS or NTNCWS supplier serving fewer than 150 service connections may send a letter to the Agency or, for non-CWSs, Public Health stating that the PWS is available for sampling. This letter must be sent no later than January 1, 1991. The supplier shall not send such samples to the Agency, unless requested to do so by the Agency.

- f) All CWS and NTNCWS suppliers shall repeat the monitoring required in Section 611.650 no less frequently than every five years from the dates specified in Section 611.650(a).

- g) The Agency or suppliers may composite up to five samples when monitoring for substances in Section 611.650(e).

BOARD NOTE: Derived from 40 CFR 141.40(g-m) (1989).

SUBPART P: THM MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.680 Sampling, Analytical and other Requirements

- a) Required monitoring.

- 1) CWS suppliers shall analyze for THMs in accordance with this Section.

- 2) For the purpose of this Section, the minimum number of samples required to be taken by the system must be based on the number of treatment plants used by the system. However, the Agency shall, by special exception permit, provide that multiple wells drawing raw water from a single aquifer be considered one treatment plant for determining the minimum number of samples.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 3) All samples taken within an established frequency must be collected within a 24-hour period.

- b) CWSs serving 10,000 or more individuals.

- 1) For CWSs utilizing surface water sources in whole or in part, and for CWSs utilizing only groundwater sources, except as provided in Section 611.683, analyses for THMs must be performed at quarterly intervals on at least four water samples for each treatment plant used by the system. At least 25 percent of the samples must be taken at locations within the distribution system reflecting the maximum residence time (MRT) of the water in the system. The remaining 75 percent must be taken at representative locations in the distribution system, taking into account number of persons served, different sources of water and different treatment methods employed. The results of all analyses per quarter must be arithmetically averaged and reported to the Agency within 30 days of the supplier's receipt of such results. All samples collected must be used in the computation of the average, unless the analytical results are invalidated for technical reasons. Sampling and analyses must be conducted in accordance with the methods listed in Section 611.685.

- 2) Upon application by a CWS supplier, the Agency shall, by special exception permit, reduce the monitoring frequency required by subsection (b)(1) to a minimum of one sample analyzed for THMs per quarter taken at a point in the distribution system reflecting the MRT of the water in the system, if the Agency determines that the data from at least one year of monitoring in accordance with subsection (b)(1) and local conditions demonstrate that THM concentrations will be consistently below the MCL.

- 3) If at any time during which the reduced monitoring frequency prescribed under this subsection applies, the results from any analysis exceed 0.10 mg/L THMs and such results are confirmed by at least one check sample taken promptly after such results are received, or if the CWS supplier makes any significant change to its source of water or treatment program, the supplier shall immediately begin monitoring in accordance with the requirements of subsection (b)(1), which monitoring must continue for at least 1 year before the frequency may be reduced again. The Agency shall, by special exception permit, require monitoring in excess of the minimum frequency where it is necessary to detect variations of THM levels within the distribution system.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

BOARD NOTE: Derived from 40 CFR 141.30(a) and (b) (1989), modified to remove the limitation regarding addition of disinfectant.

- c) Surface water sources for CWSs serving fewer than 10,000 individuals. Suppliers shall submit at least one initial sample per treatment plant for analysis or analytical results from a certified laboratory for MRT concentration taken between May 1, 1990, and October 31, 1990. After written request by the supplier and the determination by the Agency that the results of the sample indicate that the CWS is not likely to exceed the MCL, the CWS shall continue to submit one annual sample per treatment plant for analysis or analytical results from a certified laboratory to the Agency taken between May 1 and October 31 of succeeding years. If the sample exceeds the MCL, the CWS shall submit to the Agency samples in accordance with the sampling frequency specified in subsection (b).

BOARD NOTE: This is an additional State requirement.

- d) Groundwater sources for CWSs serving fewer than 10,000 individuals. Suppliers are not required to submit samples for THM analysis under this Section.

BOARD NOTE: This is an additional State requirement.

Section 611.683 Reduced Monitoring Frequency

- a) A CWS supplier utilizing only groundwater sources may, by special exception permit application, seek to have the monitoring frequency required by Section 611.681(b)(1) reduced to a minimum of one sample for maximum THM potential per year for each treatment plant used by the supplier, taken at a point in the distribution system reflecting maximum residence time of the water in the system.

- 1) The CWS supplier shall submit to the Agency the results of at least one sample analyzed for maximum THM potential for each treatment plant used by the supplier, taken at a point in the distribution system reflecting the maximum residence time of the water in the system.

- 2) The Agency shall reduce the supplier's monitoring frequency if it determines that, based upon the data submitted by the supplier, the supplier has a maximum THM potential of less than 0.10 mg/L and that, based upon an assessment of the local conditions of the CWS, the CWS is not likely to approach or exceed the MCL for THMs.

- 3) The results of all analyses must be reported to the Agency

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

within 30 days of the supplier's receipt of such results.

- 4) All samples collected must be used for determining whether the supplier complies with the monitoring requirements of Section 611.681(b), unless the analytical results are invalidated for technical reasons.

- 5) Sampling and analyses must be conducted in accordance with the methods listed in Section 611.685.

- b) Loss or modification of reduced monitoring frequency.

- 1) If the results from any analysis taken by the supplier for maximum THM potential are equal to or greater than 0.10 mg/L, and such results are confirmed by at least one check sample taken promptly after such results are received, the CWS supplier shall immediately begin monitoring in accordance with the requirements of Section 611.681(b), and such monitoring must continue for at least one year before the frequency may be reduced again.

- 2) In the event of any significant change to the CWS's raw water or treatment program, the supplier shall immediately analyze an additional sample for maximum THM potential taken at a point in the distribution system reflecting maximum residence time of the water in the system.

- 3) The Agency shall require increased monitoring frequencies above the minimum where necessary to detect variation of THM levels within the distribution system.

BOARD NOTE: Derived from 40 CFR 141.30 (c) (1989).

Section 611.684 Averaging

Compliance with Section 611.310(c) is determined based on a running annual average of quarterly samples collected by the supplier as prescribed in Section 611.681(b)(1) or (2). If the average of samples covering any 12 month period exceeds the MCL, the CWS supplier shall report to the Agency and notify the public pursuant to Subpart T. Monitoring after public notification must be at a frequency designated by the Agency and must continue until a monitoring schedule as a condition to a variance, adjusted standard or enforcement action becomes effective.

BOARD NOTE: Derived from 40 CFR 141.30(d) (1989).

Section 611.685 Analytical Methods

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Sampling and analyses made pursuant to this Subpart must be conducted by one of the following methods, incorporated by reference in Section 611.102:

- a) "The Analysis of Trihalomethanes in Drinking Waters by the Purge and Trap Method," Method 501.1.
- b) "The Analysis of Trihalomethanes in Drinking Water by Liquid/Liquid Extraction," Method 501.2. Samples for TTHM must be dechlorinated upon collection to prevent further production of Trihalomethanes, according to the procedures described in the above two methods. Samples for maximum TTHM potential must not be dechlorinated, and must be held for seven days at 25 degrees C (or above) prior to analysis, according to the procedures described in the above two methods.

BOARD NOTE: Derived from 40 CFR 141.30(e) (1989).

Section 611.686 Modification to System

Before a CWS supplier makes any significant modifications to its existing treatment process for the purposes of achieving compliance with Section 611.310(c), the supplier shall submit, by way of special exception permit application, a detailed plan setting forth its proposed modification and those safeguards that it will implement to ensure that the bacteriological quality of the drinking water served by the CWS will not be adversely affected by such modification. Upon approval, the plan will become a special exception permit. At a minimum, the plan must require the supplier modifying its disinfection practice to:

- a) Evaluate the water system for sanitary defects and evaluate the source water for biological quality;
- b) Evaluate its existing treatment practices and consider improvements that will minimize disinfectant demand and optimize finished water quality throughout the distribution system;
- c) Provide baseline water quality survey data of the distribution system. Such data should include the results from monitoring for coliform and fecal coliform bacteria, fecal streptococci, standard plate counts at 35 degrees C and 20 degrees C, phosphate, ammonia nitrogen and total organic carbon. Virus studies are required where source waters are heavily contaminated with sewage effluent;
- d) Conduct additional monitoring to assure continued maintenance of optimal biological quality in finished water, for example, when chloramines are introduced as disinfectants or when pre-chlorination is being discontinued. The Agency shall also require additional monitoring for chlorate, chlorite and chlorine dioxide when chlorine

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

dioxide is used. The Agency shall also require HPC analysis (Section 611.531) as appropriate before and after any modifications;

- e) Consider inclusion in the plan of provisions to maintain an active RDC throughout the distribution system at all times during and after the modification.

BOARD NOTE: Derived from 40 CFR 141.30(f) (1989).

SUBPART Q: RADIOLOGICAL MONITORING AND ANALYTICAL REQUIREMENTS

Section 611.720 Analytical Methods

- a) The methods specified below, incorporated by reference in Section 611.102, are to be used to determine compliance with Sections 611.330 and 611.331, except in cases where alternative methods have been approved in accordance with Section 611.480.

- 1) Radiochemical Methods;
- 2) Standard Methods, 13th Edition:
 - A) Gross Alpha and Beta: Method 302;
 - B) Total Radium: Method 304;
 - C) Radium-226: Method 305;
 - D) Strontium-89,90: Method 303;
 - E) Tritium: Method 306.

- 3) ASTM Methods:

- A) Cesium-134: ASTM D-2459;
- B) Uranium: ASTM D-2907.

- b) When the identification and measurement of radionuclides other than those listed in subsection (a) is required, the following methods, incorporated by reference in Section 611.102, are to be used, except in cases where alternative methods have been approved in accordance with Section 611.480:

- 1) "Procedures for Radiochemical Analysis of Nuclear Reactor Aqueous Solutions", available from USEPA.
- 2) HASL Procedure Manual, HASL 300.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- c) For the purpose of monitoring radioactivity concentrations in drinking water, the required sensitivity of the radioanalysis is defined in terms of a detection limit. The detection limit must be that concentration which can be counted with a precision of plus or minus 100 percent at the 95 percent confidence level (1.96 sigma where sigma is the standard deviation of the net counting rate of the sample).

- 1) To determine compliance with Section 611.330(a) the detection limit must not exceed 1 pCi/L. To determine compliance with Section 611.330(b) the detection limit must not exceed 3 pCi/L.
- 2) To determine compliance with Section 611.331 the detection limits must not exceed the concentrations listed in that Section.

- d) To judge compliance with the MCLs listed in Sections 611.330 and 611.331, averages of data must be used and must be rounded to the same number of significant figures as the MCL for the substance in question.

BOARD NOTE: Derived from 40 CFR 141.25 (1989).

Section 611.731 Gross Alpha

Monitoring requirements for gross alpha particle activity, radium-226 and radium-228 are as follows:

- a) Compliance must be based on the analysis of an annual composite of four consecutive quarterly samples or the average of the analyses of four samples obtained at quarterly intervals.

- 1) A gross alpha particle activity measurement may be substituted for the required radium-226 and radium-228 analysis; provided, that, the measured gross alpha particle activity does not exceed 5 pCi/L at a confidence level of 95 percent (1.65 sigma where sigma is the standard deviation of the net counting rate of the sample). In localities where radium-228 may be present in drinking water, the Agency may, by special exception permit, require radium-226 or radium-228 analyses if it determines that the gross alpha particle activity exceeds 2 pCi/L.

- 2) When the gross alpha particle activity exceeds 5 pCi/L, the same or an equivalent sample must be analyzed for radium-226. If the concentration of radium-226 exceeds 3 pCi/L the same or an equivalent sample must be analyzed for radium-228.

- b) See Section 611.100(e).

- c) CWS suppliers shall monitor at least once every four years following the procedure required by subsection (a). When an annual record taken in conformance with subsection (a) has established that the average annual concentration is less than half the MCLs established by Section 611.330, the Agency shall, by special exception permit, substitute analysis of a single sample for the quarterly sampling procedure required by subsection (a).

- 1) The Agency shall, by special exception permit, require more frequent monitoring in the vicinity of mining or other operations which may contribute alpha particle radioactivity to either surface or groundwater sources of drinking water.
- 2) A CWS supplier shall monitor in conformance with subsection (a) for one year after the introduction of a new water source. The Agency shall, by special exception permit, require more frequent monitoring in the event of possible contamination or when changes in the distribution system or treatment processing occur which may increase the concentration of radioactivity in finished water.

- 3) The Agency shall, by special exception permit, require a CWS supplier using two or more sources having different concentrations of radioactivity to monitor source water, in addition to water from a free-flowing tap.

- 4) The Agency shall not require monitoring for radium-228 to determine compliance with Section 611.330 after the initial period; provided, that the average annual concentration of radium-228 has been assayed at least once using the quarterly sampling procedure required by subsection (a).

- 5) The Agency shall require the CWS supplier to conduct annual monitoring if the radium-226 concentration exceeds 3 pCi/L.

- d) If the average annual MCL for gross alpha particle activity or total radium as set forth in Section 611.330 is exceeded, the CWS supplier shall give notice to the Agency and notify the public as required by Subpart T. Monitoring at quarterly intervals must be continued until the annual average concentration no longer exceeds the MCL or until a monitoring schedule as a condition to a variance, adjusted standard or enforcement action becomes effective.

BOARD NOTE: Derived from 40 CFR 141.26(a) (1989).

Section 611.732 Manmade Radioactivity

Monitoring requirements for manmade radioactivity in CWSs are as follows:

- a) CWSs using surface water sources and serving more than 100,000 persons and such other CWSs as the Agency, by special exception permit, requires must monitor for compliance with Section 611.331 by analysis of a composite of four consecutive quarterly samples or analysis of four quarterly samples. Compliance with Section 611.331 is assumed without further analysis if the average annual concentration of gross beta particle activity is less than 50 pCi/L and if the average annual concentrations of tritium and strontium-90 are less than those listed in Section 611.331; provided, that if both radionuclides are present the sum of their annual doses equivalents to bone marrow must not exceed 4 millirem/year.
- 1) If the gross beta particle activity exceeds 50 pCi/L, an analysis of the sample must be performed to identify the major radioactive constituents present and the appropriate organ and total body doses must be calculated to determine compliance with Section 611.331.
- 2) If the MCLs are exceeded, the Agency shall, by special exception permit, require the supplier to conduct additional monitoring to determine the concentration of man-made radioactivity in principal water-sheds.
- 3) The Agency shall, pursuant to subsection (d), by special exception permit, require suppliers of water utilizing only groundwater to monitor for man-made radioactivity.
- b) See Section 611.100(e).
- c) CWS suppliers shall monitor at least every four years following the procedure in subsection (a).
- d) The Agency shall, by special exception permit, require any CWS supplier utilizing waters contaminated by effluents from nuclear facilities to initiate quarterly monitoring for gross beta particle and iodine-131 radioactivity and annual monitoring for strontium-90 and tritium.
- 1) Quarterly monitoring for gross beta particle activity must be based on the analysis of monthly samples or the analysis of a composite of three monthly samples. If the gross beta particle activity in a sample exceeds 15 pCi/L, the same or an equivalent sample must be analyzed for strontium-89 and cesium-134. If the gross beta particle activity exceeds 50 pCi/L, an analysis of the sample must be performed to identify the major radioactive

constituents present and the appropriate organ and total body doses must be calculated to determine compliance with Section 611.331.

- 2) For iodine-131, a composite of five consecutive daily samples must be analyzed once each quarter. The Agency shall, by special exception permit, require more frequent monitoring when iodine-131 is identified in the finished water.
- 3) The Agency shall, by special exception permit, require annual monitoring for strontium-90 and tritium by means of the analysis of a composite of four consecutive quarterly samples or analysis of four quarterly samples.
- 4) The Agency shall, by special exception permit, allow the substitution of environmental surveillance data taken in conjunction with a nuclear facility for direct monitoring of manmade radioactivity by the supplier where the Agency determines such data is applicable to the CWS.
- e) If the average annual MCL for man-made radioactivity set forth in Section 611.331 is exceeded, the CWS supplier shall give notice to the Agency and to the public as required by Subpart T. Monitoring at monthly intervals must be continued until the concentration no longer exceeds the MCL or until a monitoring schedule as a condition to a variance, adjusted standard or enforcement action becomes effective.

BOARD NOTE: Derived from 40 CFR 141.26(b) (1989).

SUBPART T: REPORTING, PUBLIC NOTIFICATION AND RECORDKEEPING

Section 611.830 Applicability

Except as otherwise provided, this Subpart applies to violations of both identical in substance regulations and additional State requirements.

Section 611.831 Monthly Operating Report

Within 30 days following the last day of the month, each CWS supplier shall submit a monthly operating report to the Agency, on forms provided or approved by the Agency.

BOARD NOTE: This is an additional State requirement.

Section 611.832 Notice by Agency

The Agency may give the public notices required in this Part on behalf of the CWS supplier. However, the supplier remains responsible for ensuring that the

POLLUTION CONTROL BOARD
NOTICE OF ADOPTED RULES

requirements of this Part are met.

BOARD NOTE: Drawn from 40 CFR 141.32(g) (1989).

Section 611.833 Cross Connection Reporting

Each CWS supplier exempted pursuant to Section 17(b) of the Act from the disinfection requirement shall report monthly to the Agency its activity to educate and inform its customers about preventing contamination into the distribution system.

BOARD NOTE: This is an additional State requirement.

Section 611.840 Reporting

a) Except where a shorter period is specified in this Part, a supplier shall report to the Agency the results of any test measurement or analysis required by this Part within the following times, whichever is shortest:

- 1) The first ten days following the month in which the result is received; or
- 2) The first ten days following the end of the required monitoring period, as specified by special exception permit.
- b) Except where a different reporting period is specified in this Part, the supplier shall report to the Agency within 48 hours: The failure to comply with any provision (including failure to comply with monitoring requirements) in this Part.
- c) The supplier is not required to report analytical results to the Agency in cases where an Agency laboratory performs the analysis.
- d) The supplier, within ten days of completion of each public notification required pursuant to Section 611.851 et seq., shall submit to the Agency a representative copy of each type of notice distributed, published, posted or made available to the persons served by the supplier or to the media.
- e) The supplier shall submit to the Agency within the time stated in the request copies of any records required to be maintained under Section 611.860 or copies of any documents then in existence which the Agency is entitled to inspect pursuant to the authority of Section 4 of the Act.

BOARD NOTE: Derived from 40 CFR 141.31 (1989), as amended at 54 Fed. Reg. 27562, June 29, 1989.

POLLUTION CONTROL BOARD
NOTICE OF ADOPTED RULES

Section 611.851 Reporting MCL and other Violations

A supplier which fails to comply with an applicable MCL or treatment technique established by this Part or which fails to comply with the requirements of any schedule prescribed pursuant to a variance or adjusted standard shall notify persons served by the PWS as follows:

- a) Except as provided in subsection (c), the supplier shall give notice:
 - 1) By publication in a daily newspaper of general circulation in the area served by the PWS as soon as possible, but in no case later than 14 days after the violation or failure. If the area served by a PWS is not served by a daily newspaper of general circulation, notice must instead be given by publication in a weekly newspaper of general circulation serving the area; and
 - 2) By mail delivery (by direct mail or with the water bill), or by hand delivery, not later than 45 days after the violation or failure. This is not required if the Agency determines by special exception permit that the PWS in violation has corrected the violation or failure within the 45-day period; and
 - 3) For violations of the MCLs of contaminants that pose an acute risk to human health, by furnishing a copy of the notice to the radio and television stations serving the area served by the PWS as soon as possible but in no case later than 72 hours after the violation. The following violations are acute violations:
 - A) Any violations posing an acute risk to human health, as specified in this Part or as determined by the Agency on a case-by-case basis.
 - B) Violation of the MCL for nitrate in Section 611.300(b).
 - C) Violation of the MCL for total coliforms, when fecal coliforms or *E. coli* are present in the water distribution system, as specified in Section 611.325(b).
 - D) Occurrence of a waterborne disease outbreak.
- b) Except as provided in subsection (c), following the initial notice given under subsection (a), the supplier shall give notice at least once every three months by mail delivery (by direct mail or with the water bill) or by hand delivery, for as long as the violation or failure exists.
- c) Alternative methods of notice.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- 1) In lieu of the requirements of subsections (a) and (b), a CWS supplier in an area that is not served by a daily or weekly newspaper of general circulation shall give notice by hand delivery or by continuous posting in conspicuous places within the area served by the CWS. Notice by hand delivery or posting must begin as soon as possible, but no later than 72 hours after the violation or failure for acute violations (as defined in subsection (a)(3)) or 14 days after the violation or failure (for any other violation). Posting must continue for as long as the violation or failure exists. Notice by hand delivery must be repeated at least every three months for as long as the violation or failure exists.

- 2) In lieu of the requirements of subsections (a) and (b), a non-CWS supplier may give notice by hand delivery or by continuous posting in conspicuous places within the area served by the CWS. Notice by hand delivery or posting must begin as soon as possible, but no later than 72 hours after the violation or failure for acute violations (as defined in subsection (a)(3)), or 14 days after the violation or failure (for any other violation). Posting must continue for as long as the violation or failure exists. Notice by hand delivery must be repeated at least every three months for as long as the violation or failure exists.

BOARD NOTE: Derived from 40 CFR 141.32(a) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989, and at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.852 Reporting other Violations

A supplier which fails to perform monitoring required by this Part, fails to comply with a testing procedure established by this Part, or is subject to a variance or adjusted standard under Section 611.111, 611.112 or 611.113 shall notify persons served by the PWS as follows:

- a) Except as provided in subsection (c) or (d), the supplier shall give notice, within three months of the violation or granting of a variance or adjusted standard, by publication in a daily newspaper of general circulation in the area served by the PWS. If the area served by a PWS is not served by a daily newspaper of general circulation, notice must instead be given by publication in a weekly newspaper of general circulation serving the area.
- b) Except as provided in subsection (c) or (d), following the initial notice given under subsection (a), the supplier shall give notice at least once every three months by mail delivery (by direct mail or

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

with the water bill) or by hand delivery, for as long as the violation exists. Repeat notice of the existence of a variance or adjusted standard (Section 611.111 through 611.113) must be given every three months for as long as the variance or adjusted standard remains in effect.

c) Alternative methods of notice.

- 1) In lieu of the requirements of subsections (a) and (b), a CWS supplier in an area that is not served by a daily or weekly newspaper of general circulation shall give notice, within three months of the violation or granting of the variance or adjusted standard, by hand delivery or by continuous posting in conspicuous places with the area served by the PWS. Posting must continue for as long as the violation exists or a variance or adjusted standard remains in effect.
- 2) In lieu of the requirements of subsections (a) and (b), a non-CWS supplier may give notice, within three months of the violation or the granting of the variance or adjusted standard, by hand delivery or by continuous posting in conspicuous places within the area served by the PWS. Posting must continue for as long as the violation exists, or a variance or adjusted standard remains in effect. Notice by hand delivery must be repeated at least every three months for as long as the violation exists or a variance or adjusted standard remains in effect.

BOARD NOTE: Derived from 40 CFR 141.32(b) (1989).

Section 611.853 Notice to New Billing Units

A CWS supplier shall give a copy of the most recent public notice for any outstanding violation of any MCL, treatment technique requirement or variance or adjusted standard schedule to all new billing units or new hookups prior to or at the time service begins.

BOARD NOTE: Derived from 40 CFR 141.32(c) (1989).

Section 611.854 General Content of Public Notice

Each notice required by this Section must provide a clear and readily understandable explanation of the violation, any potential adverse health effects, the population at risk, the steps that the supplier is taking to correct such violation, the necessity for seeking alternative water supplies, if any, and any preventive measures the consumer should take until the violation is corrected. Each notice must be conspicuous and must not contain unduly technical language, unduly small print or similar problems that frustrate the purpose of the notice. Each notice must include the telephone

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

number of the supplier or a designee as a source of additional information concerning the notice. Where appropriate, the notice must be multi-lingual.

BOARD NOTE: Derived from 40 CFR 141.32(d) (1989).

Section 611.855 Mandatory Health Effects Language

When providing the information on potential adverse health effects required by Section 611.853(b) in notices of violations of MCLs or treatment technique requirements, or notices of the granting or the continued existence of adjusted standards or variances, or notices of failure to comply with a variance or adjusted standard schedule, the supplier shall include the language specified in Appendix A for each contaminant. (If language for a particular contaminant is not specified at the time notice is required, this Section does not apply).

BOARD NOTE: Derived from 40 CFR 141.32(e) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989, and at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.856 Fluoride Notice

Notice of violations of the MCL for fluoride, notices of variances and adjusted standards from the MCL for fluoride and notices of failure to comply with variance and adjusted standard schedules for the MCL for fluoride must consist of the public notice prescribed Appendix A plus a description of any steps which the supplier is taking to come into compliance.

BOARD NOTE: Derived from 40 CFR 141.32(f) and (g) (1989).

Section 611.858 Fluoride Secondary Standard

If a CWS exceeds the secondary standard for fluoride in Section 611.300(c), as determined by the last single sample taken in accordance with Section 611.607, but does not exceed the MCL in Section 611.300(b), the supplier shall provide the fluoride notice in Appendix A to:

- a) All billing units annually;
- b) All billing units at the time service begins; and
- c) The local public health department.

BOARD NOTE: Derived from 40 CFR 143.5 (1989).

Section 611.860 Record Maintenance

A supplier shall retain on its premises or at a convenient location near its premises the following records:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- a) Records of bacteriological analyses made pursuant to this Part must be kept for not less than 5 years. Records of chemical analyses made pursuant to this Part must be kept for not less than 10 years. Actual laboratory reports may be kept, or data may be transferred to tabular summaries, provided that the following information is included:

- 1) The date, place and time of sampling, and the name of the person who collected the sample;
- 2) Identification of the sample as to whether it was a routine distribution system sample, check sample, raw or process water sample or other special purpose sample;
- 3) Date of analysis;
- 4) Laboratory and person responsible for performing analysis;
- 5) The analytical technique or method used; and
- 6) The results of the analysis.

- b) Records of action taken by the supplier to correct violations of this Part must be kept for a period not less than 3 years after the last action taken with respect to the particular violation involved.

- c) Copies of any written reports, summaries or communications relating to sanitary surveys of the system conducted by the supplier itself, by a private consultant, by USEPA, the Agency or a unit of local government delegated pursuant to Section 611.108, must be kept for a period not less than 10 years after completion of the sanitary survey involved.

- d) Records concerning a variance or adjusted standard granted to the supplier must be kept for a period ending not less than 5 years following the expiration of such variance or adjusted standard.

BOARD NOTE: Derived from 40 CFR 141.33 (1989).

Section 611.870 List of 36 Contaminants

- a) This Section applies to only the contaminants listed in Section 611.650.

- b) A CWS or NTNCWS supplier who is required to monitor under Section 611.650 shall send a copy of the results of such monitoring within 30 days of receipt and any public notice under subsection (d) to the Agency or, for non-CWSs, Public Health.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

- c) See Section 611.100(e).
- d) The supplier shall notify persons served by the PWS of the availability of the results of sampling conducted under Section 611.650 by including a notice in the first set of water bills issued by the supplier after the receipt of the results or written notice within three months. The notice must identify a person and supply the telephone number to contact for information on the monitoring results. For surface water systems, public notification is required only after the first quarter's monitoring and must include a statement that additional monitoring will be conducted for three more quarters with the results available upon request.

BOARD NOTE: Derived from 40 CFR 141.35 (1989).

Section 611. Appendix A Mandatory Health Effects Information

- 1) Trichloroethylene. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that trichloroethylene is a health concern at certain levels of exposure. This chemical is a common metal cleaning and dry cleaning fluid. It generally gets into drinking water by improper waste disposal. This chemical has been shown to cause cancer in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Chemicals that cause cancer in laboratory animals also may increase the risk of cancer in humans who are exposed at lower levels over long periods of time. USEPA has set forth the enforceable drinking water standard for trichloroethylene at 0.005 parts per million (ppm) to reduce the risk of cancer or other adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.

- 2) Carbon tetrachloride. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that carbon tetrachloride is a health concern at certain levels of exposure. This chemical was once a popular household cleaning fluid. It generally gets into drinking water by improper waste disposal. This chemical has been shown to cause cancer in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Chemicals that cause cancer in laboratory animals also may increase the risk of cancer in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for carbon tetrachloride at 0.005 parts per million (ppm) to reduce the risk of cancer or other adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

little to none of this risk and should be considered safe.

- 3) 1,2-Dichloroethane. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that 1,2-dichloroethane is a health concern at certain levels of exposure. This chemical is used as a cleaning fluid for fats, oils, waxes and resins. It generally gets into drinking water by improper waste disposal. This chemical has been shown to cause cancer in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Chemicals that cause cancer in laboratory animals also may increase the risk of cancer in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for 1,2-dichloroethane at 0.005 parts per million (ppm) to reduce the risk of cancer or other adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.
- 4) Vinyl chloride. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that vinyl chloride is a health concern at certain levels of exposure. This chemical is used in industry and is found in drinking water as a result of the breakdown of related solvents. The solvents are used as cleaners and degreasers of metals and generally get into drinking water by improper waste disposal. This chemical has been associated with significantly increased risks of cancer among certain industrial workers who were exposed to relatively large amounts of this chemical during their working careers. This chemical has also been shown to cause cancer in laboratory animals when the animals are exposed at high levels over their lifetimes. Chemicals that cause increased risk of cancer among exposed industrial workers and in laboratory animals also may increase the risk of cancer in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for vinyl chloride at 0.002 parts per million (ppm) to reduce the risk of cancer or other adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.
- 5) Benzene. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that benzene is a health concern at certain levels of exposure. This chemical is used as a solvent and degreaser of metals. It is also a major component of gasoline. Drinking water contamination generally results from leaking underground gasoline and petroleum tanks or improper waste disposal. This chemical has been associated with significantly increased risks of leukemia among certain industrial workers who were exposed to relatively large amounts of this chemical during their

POLLUTION CONTROL BOARD

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

NOTICE OF ADOPTED RULES

working careers. This chemical has also been shown to This chemical has been shown to cause cancer in laboratory animals when the animals are exposed at high levels over their lifetimes. Chemicals that cause increased risk of cancer among exposed industrial workers and in laboratory animals also may increase the risk of cancer in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for benzene at 0.005 parts per million (ppm) to reduce the risk of cancer or other adverse health effects which have been observed in humans and laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.

6) 1,1-Dichloroethylene. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that 1,1-dichloroethylene is a health concern at certain levels of exposure. This chemical is used in industry and is found in drinking water as a result of the breakdown of related solvents. The solvents are used as cleaners and degreasers of metals and generally into drinking water by improper waste disposal. This chemical has been shown to cause liver and kidney damage in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Chemicals that cause adverse effects in laboratory animals also may cause adverse health effects in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for 1,1-dichloroethylene at 0.007 parts per million (ppm) to reduce the risk of these adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.

7) Para-dichlorobenzene. The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that para-dichlorobenzene is a health concern at certain levels of exposure. This chemical is a component of deodorizers, moth balls and pesticides. It generally gets into drinking water by improper waste disposal. This chemical has been shown to cause liver and kidney damage in laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Chemicals which cause adverse effects in laboratory animals also may cause adverse health effects in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for para-dichlorobenzene at 0.075 parts per million (ppm) to reduce the risk of these adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.

8) 1,1,1-Trichloroethane. The United States Environmental Protection

Agency (USEPA) sets drinking water standards and has determined that 1,1,1-trichloroethane is a health concern at certain levels of exposure. This chemical is used as a cleaner and degreaser of metals. It generally gets into drinking water by improper waste disposal. This chemical has been shown to damage the liver, nervous system and circulatory system of laboratory animals such as rats and mice when the animals are exposed at high levels over their lifetimes. Some industrial workers who were exposed to relatively large amounts of this chemical during their working careers also suffered damage to the liver, nervous system and circulatory system. Chemicals which cause adverse effects among exposed industrial workers and in laboratory animals also may cause adverse health effects in humans who are exposed at lower levels over long periods of time. USEPA has set the enforceable drinking water standard for 1,1,1-trichloroethane at 0.2 parts per million (ppm) to protect against the risk of these adverse health effects which have been observed in laboratory animals. Drinking water which meets this standard is associated with little to none of this risk and should be considered safe.

BOARD NOTE: Derived from 40 CFR 141.32(e) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989, and at 54 Fed. Reg. 27562, June 29, 1989.

9) Fluoride. The U.S. Environmental Protection Agency requires that we send you this notice on the level of fluoride in your drinking water. The drinking water in your community has a fluoride concentration of milligrams per liter (mg/L).

Federal regulations require that fluoride, which occurs naturally in your water supply, not exceed a concentration of 4.0 mg/L in drinking water. This is an enforceable standard called a Maximum Contaminant Level (MCL), and it has been established to protect the public health. Exposure to drinking water levels above 4.0 mg/L for many years may result in some cases of crippling skeletal fluorosis, which is a serious bone disorder.

Federal law also requires that we notify you when monitoring indicates that the fluoride in your drinking water exceeds 2.0 mg/L. This is intended to alert families about dental problems that might affect children under nine years of age. The fluoride concentration of your water exceeds this federal guideline.

Fluoride in children's drinking water at levels of approximately 1 mg/L reduces the number of dental cavities. However, some children exposed to levels of fluoride greater than about 2.0 mg/L may develop dental fluorosis. Dental fluorosis, in its moderate and severe forms, is a brown staining and/or pitting of the permanent teeth.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Because dental fluorosis occurs only when developing teeth (before they erupt from the gums) are exposed to elevated fluoride levels, households without children are not expected to be affected by this level of fluoride. Families with children under the age of nine are encouraged to seek other sources of drinking water for their children to avoid the possibility of staining and pitting.

Your water supplier can lower the concentration of fluoride in your water so that you will still receive the benefits of cavity prevention while the possibility of stained and pitted teeth is minimized. Removal of fluoride may increase your water costs. Treatment systems are also commercially available for home use. Information on such systems is available at the address given below. Low fluoride bottled drinking water that would meet all standards is also commercially available.

For further information, contact _____ at your water system.

BOARD NOTE: Derived from 40 CFR 143.5 (1989).

- 10) Microbiological contaminants (for use when there is a violation of the treatment technique requirements for filtration and disinfection in Subpart B). The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that the presence of microbiological contaminants are a health concern at certain levels of exposure. If water is inadequately treated, microbiological contaminants in that water may cause disease. Disease symptoms may include diarrhea, cramps, nausea and possibly jaundice and any associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water, but also may be caused by a number of factors other than your drinking water. USEPA has set enforceable requirements for treating drinking water to reduce the risk of these adverse health effects. Treatment such as filtering and disinfecting the water removes or destroys microbiological contaminants. Drinking water which is treated to meet USEPA requirements is associated with little to none of this risk and should be considered safe.

- 11) Total coliforms. (To be used when there is a violation of Section 611.325(a) and not a violation of Section 611.325(b)). The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that the presence of total coliforms is a possible health concern. Total coliforms are common in the environment and are generally not harmful themselves. The presence of these bacteria in drinking water, however, generally is a result of a problem with water treatment or the pipes which distribute the water and indicates that the water may be contaminated with organisms

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

that can cause disease. Disease symptoms may include diarrhea, cramps, nausea and possibly jaundice, and any associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water, but also may be caused by a number of factors other than your drinking water. USEPA has set an enforceable drinking water standard for total coliforms to reduce the risk of these adverse health effects. Under this standard, no more than 5.0 percent of the samples collected during a month can contain these bacteria, except that systems collecting fewer than 40 samples/month that have one total coliform-positive sample per month are not violating the standard. Drinking water which meets this standard is usually not associated with a health risk from disease-causing bacteria and should be considered safe.

12)

Fecal Coliforms/*E. coli*. (To be used when there is a violation of Section 611.325(b) or both Section 611.325(a) and (b)). The United States Environmental Protection Agency (USEPA) sets drinking water standards and has determined that the presence of fecal coliforms or *E. coli* is a serious health concern. Fecal coliforms and *E. coli* are generally not harmful themselves, but their presence in drinking water is serious because they usually are associated with sewage or animal wastes. The presence of these bacteria in drinking water is generally a result of a problem with water treatment or the pipes which distribute the water and indicates that the water may be contaminated with organisms that can cause disease. Disease symptoms may include diarrhea, cramps, nausea and possibly jaundice, and associated headaches and fatigue. These symptoms, however, are not just associated with disease-causing organisms in drinking water, but also may be caused by a number of factors other than your drinking water. USEPA has set an enforceable drinking water standard for fecal coliforms and *E. coli* to reduce the risk of these adverse health effects. Under this standard all drinking water samples must be free of these bacteria. Drinking water which meets this standard is associated with little or none of this risk and should be considered safe. State and local health authorities recommend that consumers take the following precautions: [To be inserted by the public water system, according to instruction from State or local authorities].

BOARD NOTE: Derived from 40 CFR 141.32(e) (1989), as amended at 54 Fed. Reg. 27526, June 29, 1989, and at 54 Fed. Reg. 27562, June 29, 1989.

Section 611.Appendix B Percent Inactivation of *G. Lamblia* Cysts

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 0.5 DEGREES C OR LOWER

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at the higher pH.

Free Residual (mg/L)		pH				
		<=6.0	6.5	7.0	7.5	8.0
<=0.4		137	163	195	237	277
0.6		141	163	200	239	296
0.8		145	172	205	246	295
1.0		148	176	210	253	304
1.2		152	180	215	259	313
1.4		155	184	221	266	321
1.6		157	189	226	273	329
1.8		162	193	231	279	338
2.0		165	197	236	286	346
2.2		169	201	242	297	353
2.4		172	205	247	296	361
2.6		175	209	252	304	368
2.8		178	213	257	310	375
3.0		181	217	261	316	382

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 5.0 DEGREES C

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at the higher pH.

Free Residual (mg/L)		pH				
		<=6.0	6.5	7.0	7.5	8.0
<=0.4		97	117	139	166	198
0.6		100	120	143	171	204
0.8		103	122	146	175	210
1.0		105	125	149	179	216
1.2		107	127	152	183	221
1.4		109	130	155	187	227
1.6		111	132	158	192	232
1.8		114	135	162	196	238
2.0		116	138	165	200	243
2.2		118	140	169	204	248
2.4		120	143	172	209	253

2.6	122	146	175	213	258	312	375
2.8	124	148	178	217	263	318	382
3.0	126	151	182	221	268	324	369

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 10.0 DEGREES C

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at the higher pH.

Free Residual (mg/L)		pH				
		<=6.0	6.5	7.0	7.5	8.0
<=0.4		73	88	104	125	149
0.6		75	90	107	128	153
0.8		78	92	110	131	158
1.0		79	94	112	134	162
1.2		80	95	114	137	166
1.4		82	98	116	140	170
1.6		83	99	119	144	174
1.8		86	101	122	147	179
2.0		87	104	124	150	182
2.2		89	105	127	153	186
2.4		90	107	129	157	190
2.6		92	110	131	160	194
2.8		93	111	134	163	197
3.0		95	113	137	166	201

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 15.0 DEGREES C

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at the higher pH.

Free Residual (mg/L)		pH				
		<=6.0	6.5	7.0	7.5	8.0
<=0.4		49	59	70	83	99
0.6		50	60	72	86	102
0.8		52	61	73	88	105

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

1.0	53	63	75	90	108	130	156
1.2	54	64	76	92	111	134	160
1.4	55	65	78	94	114	137	165
1.6	56	66	79	96	116	141	169
1.8	57	68	81	96	119	144	173
2.0	58	69	83	100	122	147	177
2.2	59	70	85	102	124	150	181
2.4	60	72	86	105	127	153	184
2.6	61	73	88	107	129	156	188
2.8	62	74	89	109	132	159	191
3.0	63	76	91	111	134	162	195

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 20 DEGREES C

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at the higher pH.

Free Residual (mg/L)	<=6.0	6.5	7.0	7.5	8.0	8.5	<=9.0
<=0.4	36	44	52	62	74	89	105
0.6	38	45	54	64	77	92	109
0.8	39	46	55	66	79	95	113
1.0	39	47	56	67	81	98	117
1.2	40	48	57	69	83	100	120
1.4	41	49	58	70	85	103	123
1.6	42	50	59	72	87	105	126
1.8	43	51	61	74	89	108	129
2.0	44	52	62	75	91	110	132
2.2	44	53	63	77	93	113	135
2.4	45	54	65	78	95	115	138
2.6	46	55	66	80	97	117	141
2.8	47	56	67	81	99	119	143
3.0	47	57	68	83	101	122	146

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY FREE CHLORINE AT 25 DEGREES C AND HIGHER

These CT values achieve greater than a 99.99 percent inactivation of viruses. CT values between the indicated pH values may be determined by linear interpolation. CT values between the indicated temperatures of different tables may be determined by linear interpolation. If no interpolation is used, use the CT 99.9 value at the lower temperature and at

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

the higher pH.	Free Residual (mg/L)	<=6.0	6.5	7.0	7.5	pH	8.0	8.5	<=9.0
<=0.4	24	29	35	42	50	59	70		
0.6	25	30	36	43	51	61	73		
0.8	26	31	37	44	53	63	75		
1.0	26	31	37	45	54	65	78		
1.2	27	32	38	46	55	67	80		
1.4	27	33	39	47	57	69	82		
1.6	28	33	40	48	58	70	84		
1.8	29	34	41	49	60	72	86		
2.0	29	35	41	50	61	74	88		
2.2	30	35	42	51	62	75	90		
2.4	30	36	43	52	63	77	92		
2.6	31	37	44	53	65	78	94		
2.8	31	37	45	54	66	80	96		
3.0	32	38	46	55	67	81	97		

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY CHLORINE DIOXIDE AND OZONE

	<=1°C	5°C	10°C	15°C	20°C	>25°C
Chlorine dioxide	63.	26.	23.	19.	15.	11.
Ozone	2.9	1.9	1.4	0.95	0.72	0.48

CT-99.9 FOR 99.9 PERCENT INACTIVATION OF GIARDIA LAMBLIA CYSTS
BY CHLORAMINES

	<=1°C	5°C	10°C	15°C	20°C	>25°C
Chloramines	3800.	2200.	1850.	1500.	1100.	750.

BOARD NOTE: Derived from 40 CFR 141.74(b) Tables, as adopted at 54 Fed. Reg. 27526, June 29, 1989.

Section 611.Appendix C Common Names of Organic Chemicals

The following common names are used for certain organic chemicals:

Common Name	CAS No.	CAS Name
Aldrin	309-00-2	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

TOTAL COLIFORM MONITORING FREQUENCY FOR CWSs		Minimum Number of Samples per month	
Population Served		Minimum Number of Samples per month	
Bromoform	25 to 1001	1000	1
	1001 to 2501	2500	2
Chlordane	2501 to 3301	3300	3
	3301 to 4101	4100	4
Chloroform	4101 to 4901	4900	5
	4901 to 5801	5800	6
2,4-D	5801 to 6701	6700	7
	6701 to 7601	7600	8
DDT	7601 to 8501	8500	9
	8501 to 12,901	12,900	10
Dieldrin	12,901 to 17,201	17,200	15
	17,201 to 21,501	21,500	20
Endrin	21,501 to 25,001	25,000	25
	25,001 to 33,001	33,000	30
Heptachlor	33,001 to 41,001	41,000	40
	41,001 to 50,001	50,000	50
Heptachlor epoxide	50,001 to 59,001	59,000	60
	59,001 to 70,001	70,000	70
Lindane	70,001 to 83,001	83,000	80
	83,001 to 96,001	96,000	90
Methoxychlor	96,001 to 130,001	130,000	100
	130,001 to 220,001	220,000	120
Silvex (2,4,5-TP)	220,001 to 320,001	320,000	150
	320,001 to 450,001	450,000	180
Toxaphene	450,001 to 600,001	600,000	210
	600,001 to 780,001	780,000	240
TTHM	780,001 to 970,001	970,000	270
	970,001 to 1,230,001	1,230,000	300
Total trihalomethanes (See Section 611.101)	1,230,001 to 1,520,001	1,520,000	330
	1,520,001 to 1,850,001	1,850,000	360
Total trihalomethanes (See Section 611.101)	1,850,001 to 2,270,001	2,270,000	390
	2,270,001 to 3,020,001	3,020,000	420
Total trihalomethanes (See Section 611.101)	3,020,001 to 3,960,001	3,960,000	450
	3,960,001 or more	or more	480

PWSs which have at least 15 service connections, but serve fewer than 25 persons are included in the entry for 25 to 1000 persons served.

BOARD NOTE: Derived from 40 CFR 141.21(a)(2), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611. Table A Total Coliform Monitoring Frequency

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED RULES

Section 611. Table B Fecal or Total Coliform Density Measurements

System Size (Persons Served)	Samples per Week
Less than 500.....	1
501 to 3300.....	2
3301 to 10,000.....	3
10,001 to 25,000.....	4
More than 25,000.....	5

Samples must be taken on separate days.

BOARD NOTE: Derived from 40 CFR 141.74(b)(1), as amended at 54 Fed. Reg. 27562, June 29, 1989.

Section 611. Table C Frequency of RDC Measurement

System Size (Persons Served)	Samples per Day
Less than 500.....	1
501 to 1000.....	2
1001 to 2,500.....	3
2501 to 3,300.....	4

The day's samples cannot be taken at the same time. The sampling intervals are subject to Agency review and approval by special exception permit.

BOARD NOTE: Derived from 40 CFR 141.74(b)(5) and (c)(2), as amended at 54 Fed. Reg. 27562, June 29, 1989.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED REPEALER

1) Heading of the Part: Reporting and Public Notification

2) Code Citation: 35 Ill. Adm. Code 606

3) Section Numbers: Adopted Action:

606.101, 606.102, 606.103, 606.201 Repealer
606.202, 606.203, 606.204, 606.205, Appendix Repealer

4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

5) Effective Date of Repealer: September 20, 1990

6) Does this rulemaking contain an automatic repeal date?: No.

7) Does this Repealer contain incorporations by reference? No.

8) Date filed in Board's Principal Office: Order adopted August 9, 1990

9) Notice of Proposal Published in Illinois Register:

December 1, 1989; 13 Ill. Reg. 18816

10) Has JCER issued a Statement of Objections to these rules? No.

Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCER.

11) Differences between proposal and final version: None.

12) Have all the changes agreed upon by the Board and JCER been made as indicated in the agreement letter issued by JCER?

Section 17.5 of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCER.

13) Will this Repealer replace an emergency Repealer currently in effect? No

14) Are there any other amendments pending on this Part? No.

15) Summary and Purpose of Repealer:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED REPEALER

A complete description is contained in the Board's Opinion of August 9, 1990, in R88-26, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

In R88-26, the Board is replacing much of its existing public water supply regulations in 35 Ill. Adm. Code 604 through 607 with a new Part 611, which will be "identical in substance" with USEPA rules at 40 CFR 141, as amended through June 30, 1989. The term "identical in substance" is defined in Section 7.2 of the Environmental Protection Act.

16) Information and questions regarding this adopted Repealer shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: Sampling and Monitoring

2) Code Citation: 35 Ill. Adm. Code 605

3) Section Numbers:

605.101, 605.102

605.103, 605.104, 605.105, 605.106, 605.107, 605.108

605.109

605.110, 605.Appendix

Adopted Action:

Amendment

Repealer

Amendment

Repealer

4) Statutory Authority: 111. Rev. Stat. 1989, ch. 111 1/2, pars. 1017, 1017.5 and 1027.

5) Effective Date of Amendment: September 20, 1990

6) Does this rulemaking contain an automatic repeal date?: No.

7) Does this Amendment contain incorporations by reference?: No.

8) Date filed in Board's Principal Office: Order adopted August 9, 1990

9) Notice of Proposal Published in Illinois Register:

December 1, 1989; 13 Ill. Reg. 18822

10) Has JCAR issued a Statement of Objections to these rules? No.

Section 17.5 of the Environmental Protection Act (111. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

11) Differences between proposal and final version:

Sections 605.101, 605.102 and 605.109 will be retained. Supplies are required to comply with these Sections until the effective date of the filtration and disinfection rules in 35 Ill. Adm. Code 611, as applicable to that supply.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 17.5 of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 13) Will this Amendment replace an emergency Amendment currently in effect? No
- 14) Are there any other amendments pending on this Part? No.
- 15) Summary and Purpose of Amendments:

A complete description is contained in the Board's Opinion of August 9, 1990, in R88-26, which Opinion is available from the address below. Section 17.5 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1017.5) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

In R88-26, the Board is replacing much of its existing public water supply regulations in 35 Ill. Adm. Code 604 through 607 with a new Part 611, which will be "identical in substance" with USEPA rules at 40 CFR 141, as amended through June 30, 1989. The term "identical in substance" is defined in Section 7.2 of the Environmental Protection Act.

- 16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE F: PUBLIC WATER SUPPLIES
CHAPTER 1: POLLUTION CONTROL BOARD

PART 605
SAMPLING AND MONITORING

Section
605.101
605.102
605.103
605.104
605.105
605.106
605.107
605.108
605.109
605.110
Appendix

Frequency of Bacteriological Sampling
Minimum Allowable Monthly Samples for Bacteriological Analysis
Frequency of Chemical Analysis Sampling (Repealed)
Frequency of Trihalomethane Analysis Sampling (Repealed)
Monitoring Requirements for Radium-226, -228, and Gross Alpha Particle Activity (Repealed)
Monitoring Frequency for Radium-226, -228, and Gross Alpha Particle Activity (Repealed)
Monitoring Requirements for Man-Made Radioactivity (Repealed)
Monitoring Frequency for Man-Made Radioactivity (Repealed)
Surface Water Supplies Additional Monitoring Requirements
Modification of Monitoring Requirements (Repealed)
References to Former Rules (Repealed)

AUTHORITY: Implementing Section 17 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1987, ch. 111 1/2, pars. 1017 and 1027).

SOURCE: Filed with Secretary of State January 1, 1978; amended at 2 Ill. Reg. 36, p. 72, effective August 29, 1978; amended and codified at 6 Ill. Reg. 11497, effective September 14, 1982; amended at 6 Ill. Reg. 14344, effective November 3, 1982; amended in R88-26 at 14 Ill. Reg. 16642, effective September 20, 1990.

Section 605.101 Frequency of Bacteriological Sampling

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply.

- a) Representative samples of the finished water from the distribution system are to be submitted monthly by each supply owner, official custodian, or his authorized personnel to a certified laboratory for bacteriological analysis.
- 1) The minimum number of samples to be submitted monthly is dependent upon the population served as shown in Section 605.102.
 - 2) A greater number of samples may be required by the Environmental

- b) Protection Agency (Agency) to be analyzed each month.
- The owner, official custodian, or authorized personnel of any community water supply which is exempt from chlorination pursuant to 35 Ill. Adm. Code 604.403 shall submit samples to a certified laboratory for bacteriological analysis at least twice a month. Each submission shall consist of the minimum number of samples shown in Section 605.102 plus raw water samples of a sufficient number to assure that each active well is sampled at least monthly.
- c) It shall be the responsibility of the supply to have the analyses performed either at its own certified laboratory or at any other certified laboratory. The Agency may require that some or all of the monthly samples be submitted to its laboratories.

(Source: Amended at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.102 Minimum Allowable Monthly Samples for Bacteriological Analysts

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply.

Population Served		Minimum Number of Samples Per Month
25 to	100.....	1
101 to	2,500.....	2
2,501 to	3,300.....	3
3,301 to	4,100.....	4
4,101 to	4,900.....	5
4,901 to	5,800.....	6
5,801 to	6,700.....	7
6,701 to	7,600.....	8
7,601 to	8,500.....	9
8,501 to	9,400.....	10
9,401 to	10,300.....	11
10,301 to	11,100.....	12
11,101 to	12,000.....	13
12,001 to	12,900.....	14
12,901 to	13,700.....	15
13,701 to	14,600.....	16
14,601 to	15,500.....	17
15,501 to	16,300.....	18
16,301 to	17,200.....	19
17,201 to	18,100.....	20
18,101 to	18,900.....	21

18,901 to	19,800.....	22
19,801 to	20,700.....	23
20,701 to	21,500.....	24
21,501 to	22,300.....	25
22,301 to	23,200.....	26
23,201 to	24,000.....	27
24,001 to	24,900.....	28
24,901 to	25,000.....	29
25,001 to	28,000.....	30
28,001 to	33,000.....	35
33,001 to	37,000.....	40
37,001 to	41,000.....	45
41,001 to	46,000.....	50
46,001 to	50,000.....	55
50,001 to	54,000.....	60
54,001 to	59,000.....	65
59,001 to	64,000.....	70
64,001 to	70,000.....	75
70,001 to	76,000.....	80
76,001 to	83,000.....	85
83,001 to	90,000.....	90
90,001 to	96,000.....	95
96,001 to	111,000.....	100
111,001 to	130,000.....	110
130,001 to	160,000.....	120
160,001 to	190,000.....	130
190,001 to	220,000.....	140
220,001 to	250,000.....	150
250,001 to	290,000.....	160
290,001 to	320,000.....	170
320,001 to	360,000.....	180
360,001 to	410,000.....	190
410,001 to	450,000.....	200
450,001 to	500,000.....	210
500,001 to	550,000.....	220
550,001 to	600,000.....	230
600,001 to	660,000.....	240
660,001 to	720,000.....	250
720,001 to	780,000.....	260
780,001 to	840,000.....	270
840,001 to	910,000.....	280
910,001 to	970,000.....	290
970,001 to	1,050,000.....	300
1,050,001 to	1,140,000.....	310
1,140,001 to	1,230,000.....	320
1,230,001 to	1,320,000.....	330
1,320,001 to	1,420,000.....	340
1,420,001 to	1,520,000.....	350

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1,520,001	to	1,630,000.....	360
1,630,001	to	1,730,000.....	370
1,730,001	to	1,850,000.....	380
1,850,001	to	1,970,000.....	390
1,970,001	to	2,060,000.....	400
2,060,001	to	2,270,000.....	410
2,270,001	to	2,510,000.....	420
2,510,001	to	2,750,000.....	430
2,750,001	to	3,020,000.....	440
3,020,001	to	3,320,000.....	450
3,320,001	to	3,620,000.....	460
3,620,001	to	3,960,000.....	470
3,960,001	to	4,310,000.....	480
4,310,001	to	4,690,000.....	490
4,690,001	or more	500

(Source: Amended at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.103 Frequency of Chemical Analysis Sampling (Repealed)

-A minimum of one representative sample each of the raw and finished water is to be submitted every year to the Agency's laboratory for chemical analysis from community water supplies which utilize a surface water source. Community water supplies which utilize a ground water source are to submit finished water samples to the Agency for analysis at least every three years. Sampling for specific parameters may be required by the Agency more frequently whenever there is reason to believe that these parameters are or may be in excess of the limits listed in 35 Ill. Adm. Code 604.202 and 604.203, or if the presence of other dangerous or potentially dangerous substances is suspected.-

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.104 Frequency of Trihalomethane Analysis Sampling (Repealed)

- a) Surface Water Sources: Supplies serving over 10,000 individuals shall submit at least four samples per treatment plant per quarter for analysis of analytical results from a certified laboratory for Total Trihalomethanes to the Agency. After results of four consecutive quarters demonstrate consistent Total Trihalomethanes concentrations below the Maximum Allowable Concentration, and upon written application by the supply, the Agency may reduce the sample frequency to one sample per quarter until the Maximum Allowable Concentration is exceeded or until a significant change in source or treatment method is made.

b) Ground Water Sources: Supplies serving 10,000 individuals or more shall submit at least one sample per treatment plant for MTP analysis. After written request by the supply and the determination

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

by the Agency that the results of the sample and local conditions indicate that the supply is not likely to approach or exceed the Maximum Allowable Concentration, the supply shall continue to submit one annual sample per treatment plant, or report of analysis by a certified laboratory to the Agency. If the sample exceeds the Maximum Allowable Concentration of cannot be analyzed for MTP, the supply shall submit samples in accordance with Section 605.104(a).

e) Significant changes in water sources or treatment will require testing in accordance with Section 605.104(a).

d) If the result of an analysis made pursuant to the reduced monitoring schedules provided by Section 605.104(a) indicates that the level of total trihalomethanes exceeds the Maximum Allowable Concentration listed in Section 604.202, the owner or operator of the supply shall initiate analysis of one check sample promptly after the exceedance is reported to the supply. If the check sample confirms that the level of total trihalomethanes exceeds the Maximum Allowable Concentration, the supply shall sample in accordance with the frequency set out in Section 605.104(a), for at least one year.-

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.105 Monitoring Requirements for Radium-226, -228 and Gross Alpha Particle Activity (Repealed)

- a) Compliance with 35 Ill. Adm. Code 604.301 shall be based on the analysis of an annual composite of four consecutive quarterly samples or the average of the analyses of four samples obtained at quarterly intervals.

b) A gross alpha particle activity measurement may be substituted for the required radium-226 and radium-228 analysis provided that the measured gross alpha particle activity does not exceed 5 pCi/l at a confidence level of 95 percent (1.96 sigma where sigma is the standard deviation of the net counting rate of the sample). In localities where radium-228 may be present in drinking water, radium-226 and/or radium-228 analyses may be required by the Agency when the gross alpha particle activity exceeds 2 pCi/l.

c) When the gross alpha particle activity exceeds 5 pCi/l, the same or an equivalent sample shall be analyzed for radium-226. If the concentration of radium-226 exceeds 3 pCi/l, the same or an equivalent sample shall be analyzed for radium-228.

d) A supply using two or more sources having different concentrations of radioactivity shall monitor source water in addition to water from a free-flowing tap, when required by the Agency.-

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.106 Monitoring Frequency for Radium-226, -228

and Gross Alpha Particle Activity (Repealed)

-Suppliers of water shall monitor at least once every four years. When an annual record taken in conformance with Section 605.105 has established that the average annual concentration is less than half the maximum contaminant levels established by 35 Ill. Adm. Code 604.301, analysis of a single sample may be substituted for the quarterly sampling procedure required by Section 605.105.

- a) More frequent monitoring shall be conducted when required by the Agency in the vicinity of mining or other operations.
- b) Monitoring for compliance with radium-228 levels need be done only in the initial test of each source and when specifically requested by the Agency; provided that the average annual concentration of radium-228 has been assayed at least once using the quarterly sampling procedure required by Section 605.104(a).
- c) Owners and operators of supplies shall conduct annual monitoring of any community water system in which the radium-226 concentration exceeds 3 pCi/l, except when specifically exempted by the Agency.
- d) Monitoring at quarterly intervals shall be continued until the annual average concentration no longer exceeds the maximum contaminant level or until a monitoring schedule as a condition to a variance; exemption or enforcement action shall become effective.
- e) If the average annual maximum allowable concentration for gross alpha particle activity or total radium is exceeded, the owner or operator of a community water supply shall give notice to the Agency and notify the public as required by 35 Ill. Adm. Code 606.

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.107 Monitoring Requirements for Man-Made Radioactivity (Repealed)

- a) Community water supplies using surface water sources and serving more than 100,000 persons and such other community water supplies as are designated by the Agency shall be monitored for compliance with 35 Ill. Adm. Code 604.302 by analysis of a composite of four consecutive quarterly samples or analysis of four quarterly samples.
- 1) Compliance with 35 Ill. Adm. Code 604.302 may be assumed without

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

further analysis if the average annual concentrations of tritium and strontium-90 are less than those listed in 35 Ill. Adm. Code 604.302(e); provided that if both radionuclides are present, the sum of their annual dose equivalents to bone marrow shall not exceed 4 mSv/year.

- 2) If the gross beta particle activity exceeds 50 pCi/l, an analysis of the sample must be performed to identify the major radioactive constituents present and the appropriate organ and total body doses shall be calculated to determine compliance with 35 Ill. Adm. Code 604.302.
 - b) Supplies shall conduct additional monitoring, as required by the Agency, to determine the concentration of man-made radioactivity in principal watersheds designated by the Agency.
 - c) At the discretion of the Agency, supplies utilizing only ground waters may be required to monitor for man-made radioactivity. (Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)
- Section 605.108 Monitoring Frequency for Man-Made Radioactivity (Repealed)
- a) Supplies shall monitor for beta activity at least every four years.
 - b) Any community water supply designated by the Agency as utilizing water contaminated by effluents from nuclear facilities shall initiate quarterly monitoring for gross beta particle and iodine-131 radioactivity and annual monitoring for strontium-90 and tritium.
 - c) Quarterly monitoring for gross beta particle activity shall be based on the analysis of monthly samples of the analysis of a composite of three monthly samples. If the gross beta particle activity in a sample exceeds 15 pCi/l, the same or an equivalent sample shall be analyzed for strontium-90 and cesium-134. If the gross beta particle activity exceeds 50 pCi/l, an analysis of the sample must be performed to identify the major radioactive constituents present and the appropriate organ and total body doses shall be calculated to determine compliance with 35 Ill. Adm. Code 604.302(e).
 - d) For iodine-131, a composite of five consecutive daily samples shall be analyzed once each quarter. If required by the Agency, more frequent monitoring shall be conducted when iodine-131 is identified in the finished water.
 - e) Annual monitoring for strontium-90 and tritium shall be conducted by means of the analysis of a composite of four consecutive quarterly samples, or of four quarterly samples.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

f) The Agency may allow the substitution of environmental surveillance data taken in conjunction with a nuclear facility for direct monitoring of man-made radioactivity by the community water supply where the Agency determines such data is applicable to that particular community water supply.

g) If the average annual maximum allowable concentration for man-made radioactivity set forth in 35 Ill. Adm. Code 604.302 is exceeded, monitoring at monthly intervals shall continue until the concentration no longer exceeds the maximum allowable concentration or until a monitoring schedule as a condition to a variance or enforcement action shall become effective.

h) If the average annual maximum allowable concentration for man-made radioactivity set forth in 35 Ill. Adm. Code 604.302 is exceeded, the owner or official custodian of a community water supply shall give notice to the Agency and to the public as required by 35 Ill. Adm. Code 606.1-

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

Section 605.109 Surface Water Supplies Additional Monitoring Requirements

This Section applies until the effective date for the filtration and disinfection requirements of 35 Ill. Adm. Code 611. Subpart B as applicable to each supply. Owners or official custodians of community water supplies utilizing surface water sources shall ensure:

- a) that finished water samples are taken at a representative entry points to the distribution system at least once per day, and
- b) that a turbidity analysis is performed on each of the samples immediately. The analysis of the samples shall be done by an individual who has been approved by the Agency as qualified to make this analysis.

(Source: Amended at 14 Ill. Reg. 16642 , effective Sept. 20, 1990)

Section 605.110 Modification of Monitoring Requirements (Repealed)

-When a supply provides water to one or more other supplies, the Agency may modify the monitoring requirements imposed by this Section to the extent that the interconnection of the supplies justifies treating them as a single supply for monitoring purposes. Any modified monitoring shall be conducted pursuant to a schedule specified by the Agency.-

(Source: Repealed at 14 Ill. Reg. 16642 , effective Sept. 20, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

APPENDIX References to Former Rules (Repealed)

-The following table is provided to aid in referencing former Board rule numbers to section numbers pursuant to codification.

Chapter 6-	Public Water Supplies	35 Ill. Adm. Code
Part 11-	Operation and Maintenance	Part 605
Rule 309(A)		Section 605.101
Rule 309 (Table 11-)		Section 605.102
Rule 309(B)		Section 605.103
Rule 309(G)(1)(a)		Section 605.105
Rule 309(G)(1)(b)		Section 605.106
Rule 309(G)(2)(a)		Section 605.107
Rule 309(G)(2)(b)		Section 605.108
Rule 309(D)		Section 605.109
Rule 309(E)		Section 605.110-

(Source: Repealed at 14 Ill. Reg. 16642, effective Sept. 20, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

1) Heading of the Part: STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE2) Code Citation: 35 Ill. Adm. Code 7223) Section Numbers: Adopted Action:

722.123 Amendment

4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.5) Effective Date of Amendments: September 25, 19906) Does this rulemaking contain an automatic repeal date?: No.7) Does this Amendment contain incorporations by reference? No.8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 19909) Notice of Proposal Published in Illinois Register:

June 22, 1990; 14 Ill. Reg. 9763

10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

11) Differences between proposal and final version:

Minor editorial differences.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

13) Will this Amendment replace an emergency Amendment currently in effect? No.14) Are there any other amendments pending on this Part? No.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below.

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking adds additional manifest requirements for generators dealing with out-of-state transport of hazardous waste which has not yet been listed in the disposer's state.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION

SUBTITLE G: WASTE DISPOSAL

CHAPTER I: POLLUTION CONTROL BOARD

SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 722

STANDARDS APPLICABLE TO GENERATORS OF HAZARDOUS WASTE

SUBPART A: GENERAL

Section
722.110
722.111
722.112

Purpose, Scope and Applicability
Hazardous Waste Determination
USEPA Identification Numbers

SUBPART B: THE MANIFEST

Section
722.120
722.121
722.122
722.123

General Requirements
Acquisition of Manifests
Number of Copies
Use of the Manifest

SUBPART C: PRE-TRANSPORT REQUIREMENTS

Section
722.130
722.131
722.132
722.133
722.134

Packaging
Labeling
Marking
Placarding
Accumulation Time

SUBPART D: RECORDKEEPING AND REPORTING

Section
722.140
722.141
722.142
722.143
722.144

Recordkeeping
Annual Reporting
Exception Reporting
Additional Reporting
Special Requirements for Generators of between 100 and 1000 kilograms per month

SUBPART E: EXPORTS OF HAZARDOUS WASTE

Section
722.150
722.151
722.152
722.153
722.154
722.155
722.156
722.157

Applicability
Definitions
General Requirements
Notification of Intent to Export
Special Manifest Requirements
Exception Report
Annual Reports
Recordkeeping

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART F: IMPORTS OF HAZARDOUS WASTE

Imports of Hazardous Waste

SUBPART G: FARMERS

Section
722.170

Farmers

Appendix A Hazardous Waste Manifest

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R81-22, 43 PCB 427, at 5 Ill. Reg. 9781, effective as noted in 35 Ill. Adm. Code 700.106; amended and codified in R81-22, 45 PCB 317, at 6 Ill. Reg. 4828, effective as noted in 35 Ill. Adm. Code 700.106; amended in R82-18, 51 PCB 31, at 7 Ill. Reg. 2518, effective February 22, 1983; amended in R84-9 at 9 Ill. Reg. 11950, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 1131, effective January 2, 1986; amended in R86-1 at 10 Ill. Reg. 14112, effective August 12, 1986; amended in R86-19 at 10 Ill. Reg. 20709, effective December 2, 1986; amended in R86-46 at 11 Ill. Reg. 13555, effective August 4, 1987; amended in R87-5 at 11 Ill. Reg. 19392, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13129, effective July 29, 1988; amended in R88-16 at 13 Ill. Reg. 452, effective December 27, 1988; amended in R89-1 at 13 Ill. Reg. 18523, effective November 13, 1989; amended in R90-10 at 14 Ill. Reg. 16653, effective September 25, 1990.

SUBPART B: THE MANIFEST

Section 722.123 Use of the Manifest

a) The generator ~~must~~ shall:

- 1) Sign the manifest certification by hand; and
 - 2) Obtain the handwritten signature of the initial transporter and date of acceptance on the manifest; and
 - 3) Retain one copy, in accordance with ~~§~~Section 722.140(a); and
 - 4) Send one copy of the manifest to the Agency within two working days.
- b) The generator ~~must~~ shall give the transporter the remaining copies of the manifest.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- c) For shipments of hazardous waste within the United States solely by water (bulk shipments only), the generator ~~must~~ send three copies of the manifest dated and signed in accordance with this Section to the owner or operator of the designated facility of the last water (bulk shipment) transporter to handle the waste in the United States if exported by water. Copies of the manifest are not required for each transporter.
- d) For rail shipments of hazardous waste within the United States which originate at the site of generation, the generator ~~must~~ send at least three copies of the manifest dated and signed in accordance with this section to:
- 1) The next non-rail transporter, if any; or
 - 2) The designated facility if transported solely by rail; or
 - 3) The last rail transporter to handle the waste in the United States if exported by rail.

~~Note~~ -- See §-BOARD NOTE: See Section 723.120(e) and (f) for special provisions for rail or water (bulk shipment) transporters.

- e) For shipments of hazardous waste to a designated facility in an authorized state which has not yet obtained authorization to regulate that particular waste as hazardous, the generator shall assure that the designated facility agrees to sign and return the manifest to the generator, and that any out-of-state transporter signs and forwards the manifest to the designated facility.

(Source: Amended at 14 Ill. Reg. 16653, effective September 25, 1990)

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

2) Code Citation: 35 Ill. Adm. Code 724

3) Section Numbers: Adopted Action:
724.401 Amendment

4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027.

5) Effective Date of Amendments: September 25, 1990

6) Does this rulemaking contain an automatic repeal date?: No.

7) Does this Amendment contain incorporations by reference? No.

8) Date filed in Board's Principal Office: Order adopted August 30, 1990, and modified on September 13, 1990

9) Notice of Proposal Published in Illinois Register:

June 22, 1990; 14 Ill. Reg. 9773

10) Has JCAR issued a Statement of Objections to these rules? No.

Section 22.4(a) of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 1022.4(a)) provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

11) Differences between proposal and final version:

Minor editorial differences.

12) Have all the changes agreed upon by the Board and JCAR been made as indicated in the agreement letter issued by JCAR?

Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

13) Will this Amendment replace an emergency Amendment currently in effect? No.

14) Are there any other amendments pending on this Part? No.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

15) Summary and Purpose of Amendment:

A complete description is contained in the Board's Opinion of August 30, 1990, in R90-10, which Opinion is available from the address below. Section 22.4(a) of the Environmental Protection Act provides that Section 5 of the Administrative Procedure Act shall not apply. Because this rulemaking is not subject to Section 5 of the APA, it is not subject to first notice or to second notice review by JCAR.

This rulemaking updates the Board's RCRA hazardous waste rules to correspond with amendments adopted by USEPA which appeared in the Federal Register during the period January 1 through June 30, 1990, including the TCLP test adopted March 29, 1990.

This rulemaking changes Part 724 terminology to correspond with the TCLP, described in 35 Ill. Adm. Code 721.

16) Information and questions regarding this adopted Amendment shall be directed to:

Morton F. Dorothy
Scientific/Technical Section
Illinois Pollution Control Board
104 W. University
Urbana, IL 61801
217/ 333-5575

The full text of the Adopted Amendment begins on the next page:

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

TITLE 35: ENVIRONMENTAL PROTECTION
SUBTITLE G: WASTE DISPOSAL
CHAPTER I: POLLUTION CONTROL BOARD
SUBCHAPTER C: HAZARDOUS WASTE OPERATING REQUIREMENTS

PART 724

STANDARDS FOR OWNERS AND OPERATORS OF HAZARDOUS WASTE TREATMENT, STORAGE AND DISPOSAL FACILITIES

SUBPART A: GENERAL PROVISIONS

Purpose, Scope and Applicability
Relationship to Interim Status Standards

Section
724.101
724.103

SUBPART B: GENERAL FACILITY STANDARDS

Applicability
Identification Number
Required Notices
General Waste Analysis
Security
General Inspection Requirements
Personnel Training
General Requirements for Ignitable, Reactive or Incompatible Wastes
Location Standards

Section
724.110
724.111
724.112
724.113
724.114
724.115
724.116
724.117
724.118

SUBPART C: PREPAREDNESS AND PREVENTION

Applicability
Design and Operation of Facility
Required Equipment
Testing and Maintenance of Equipment
Access to Communications or Alarm System
Required Aisle Space
Arrangements with Local Authorities

Section
724.130
724.131
724.132
724.133
724.134
724.135
724.137

SUBPART D: CONTINGENCY PLAN AND EMERGENCY PROCEDURES

Applicability
Purpose and Implementation of Contingency Plan
Content of Contingency Plan
Copies of Contingency Plan
Amendment of Contingency Plan
Emergency Coordinator
Emergency Procedures

Section
724.150
724.151
724.152
724.153
724.154
724.155
724.156

SUBPART E: MANIFEST SYSTEM, RECORDKEEPING AND REPORTING

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

Section

724.170 Applicability
724.171 Use of Manifest System
724.172 Manifest Discrepancies
724.173 Operating Record
724.174 Availability, Retention and Disposition of Records
724.175 Annual Report
724.176 Unmanifested Waste Report
724.177 Additional Reports

SUBPART F: RELEASES FROM SOLID WASTE MANAGEMENT UNITS

Section

724.190 Applicability
724.191 Required Programs
724.192 Groundwater Protection Standard
724.193 Hazardous Constituents
724.194 Concentration Limits
724.195 Point of Compliance
724.196 Compliance Period
724.197 General Groundwater Monitoring Requirements
724.198 Detection Monitoring Program
724.199 Compliance Monitoring Program
724.200 Corrective Action Program
724.201 Corrective Action for Solid Waste Management Units

SUBPART G: CLOSURE AND POST-CLOSURE

Section

724.210 Applicability
724.211 Closure Performance Standard
724.212 Closure Plan; Amendment of Plan
724.213 Closure; Time Allowed For Closure
724.214 Disposal or Decontamination of Equipment, Structures and Soils
724.215 Certification of Closure
724.216 Survey Plat
724.217 Post-closure Care and Use of Property
724.218 Post-closure Plan; Amendment of Plan
724.219 Post-closure Notices
724.220 Certification of Completion of Post-closure Care

SUBPART H: FINANCIAL REQUIREMENTS

Section

724.240 Applicability
724.241 Definitions of Terms As Used In This Subpart
724.242 Cost Estimate for Closure
724.243 Financial Assurance for Closure
724.244 Cost Estimate for Post-closure Care
724.245 Financial Assurance for Post-closure Care
724.246 Use of a Mechanism for Financial Assurance of Both Closure and

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

724.247 Post-closure Care
724.248 Liability Requirements
724.249 Incapacity of Owners or Operators, Guarantors or Financial Institutions
724.251 Wording of the Instruments

SUBPART I: USE AND MANAGEMENT OF CONTAINERS

Section

724.270 Applicability
724.271 Condition of Containers
724.272 Compatibility of Waste With Container
724.273 Management of Containers
724.274 Inspections
724.275 Containment
724.276 Special Requirements for Ignitable or Reactive Waste
724.277 Special Requirements for Incompatible Wastes
724.278 Closure

SUBPART J: TANK SYSTEMS

Section

724.290 Applicability
724.291 Assessment of Existing Tank System's Integrity
724.292 Design and Installation of New Tank Systems or Components
724.293 Containment and Detection of Releases
724.294 General Operating Requirements
724.295 Inspections
724.296 Response to Leaks or Spills and Disposition of Leaking or unfit-for-use Tank Systems
724.297 Closure and Post-Closure Care
724.298 Special Requirements for Ignitable or Reactive Waste
724.299 Special Requirements for Incompatible Wastes
724.300 Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026 and F027

SUBPART K: SURFACE IMPOUNDMENTS

Section

724.320 Applicability
724.321 Design and Operating Requirements
724.322 Double-lined Surface Impoundments: Exemption from Subpart F: Ground-water Protection Requirements (Repealed)
724.326 Monitoring and Inspection
724.327 Emergency Repairs; Contingency Plans
724.328 Closure and Post-closure Care
724.329 Special Requirements for Ignitable or Reactive Waste
724.330 Special Requirements for Incompatible Wastes
724.331 Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026 and F027

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART L: WASTE PILES

Section
724.350 Applicability
724.351 Design and Operating Requirements
724.352 Double-lined Piles: Exemption from Subpart F: Ground-water Protection Requirements (Repealed)
724.353 Inspection of Liners: Exemption from Subpart F: Ground-water Protection Requirements (Repealed)
724.354 Monitoring and Inspection
724.355 Special Requirements for Ignitable or Reactive Waste
724.357 Special Requirements for Incompatible Wastes
724.358 Closure and Post-closure Care
724.359 Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026 and F027

SUBPART M: LAND TREATMENT

Section
724.370 Applicability
724.371 Treatment Program
724.372 Treatment Demonstration
724.373 Design and Operating Requirements
724.376 Food-chain Crops
724.378 Unsaturated Zone Monitoring
724.379 Recordkeeping
724.380 Closure and Post-closure Care
724.381 Special Requirements for Ignitable or Reactive Waste
724.382 Special Requirements for Incompatible Wastes
724.383 Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026 and F027

SUBPART N: LANDFILLS

Section
724.400 Applicability
724.401 Design and Operating Requirements
724.402 Double-lined Landfills: Exemption from Subpart F: Ground-water Protection Requirements (Repealed)
724.403 Monitoring and Inspection
724.409 Surveying and Recordkeeping
724.410 Closure and Post-closure Care
724.412 Special Requirements for Ignitable or Reactive Waste
724.413 Special Requirements for Incompatible Wastes
724.414 Special Requirements for Bulk and Containerized Liquids
724.415 Special Requirements for Containers
724.416 Disposal of Small Containers of Hazardous Waste in Overpacked Drums (Lab Packs)
724.417 Special Requirements for Hazardous Wastes F020, F021, F022, F023, F026 and F027

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

SUBPART O: INCINERATORS

Section
724.440 Applicability
724.441 Waste Analysis
724.442 Principal Organic Hazardous Constituents (POHCs)
724.443 Performance Standards
724.444 Hazardous Waste Incinerator Permits
724.445 Operating Requirements
724.447 Monitoring and Inspections
724.451 Closure

SUBPART X: MISCELLANEOUS UNITS

Section
724.701 Applicability
724.701 Environmental Performance Standards
724.702 Monitoring, Analysis, Inspection, Response, Reporting and Corrective Action
724.703 Post-closure Care

Appendix A RECORDKEEPING INSTRUCTIONS

Appendix B EPA REPORT FORM AND INSTRUCTIONS (Repealed)

Appendix D COCHRAN'S APPROXIMATION TO THE BEHRENS-FISHER STUDENT'S T-TEST

Appendix E EXAMPLES OF POTENTIALLY INCOMPATIBLE WASTE

Appendix I Groundwater Monitoring List

AUTHORITY: Implementing Section 22.4 and authorized by Section 27 of the Environmental Protection Act (Ill. Rev. Stat. 1989, ch. 111 1/2, pars. 1022.4 and 1027).

SOURCE: Adopted in R82-19, 53 PCB 131, at 7 Ill. Reg. 14059, effective October 12, 1983; amended in R84-9 at 9 Ill. Reg. 11964, effective July 24, 1985; amended in R85-22 at 10 Ill. Reg. 1136, effective January 2, 1986; amended in R86-1 at 10 Ill. Reg. 14119, effective August 12, 1986; amended in R86-28 at 11 Ill. Reg. 6138, effective March 24, 1987; amended in R86-23 at 11 Ill. Reg. 8684, effective April 21, 1987; amended in R86-46 at 11 Ill. Reg. 13577, effective August 4, 1987; amended in R87-5 at 11 Ill. Reg. 13135, effective November 12, 1987; amended in R87-39 at 12 Ill. Reg. 13135, effective July 29, 1988; amended in R88-15 at 13 Ill. Reg. 459, effective December 28, 1988; amended in R89-1 at 13 Ill. Reg. 18527, effective November 13, 1989; amended in R90-2 at 14 Ill. Reg. 14511, effective August 22, 1990; amended in R90-10 at 14 Ill. Reg. 16658, effective September 25, 1990.

SUBPART N: LANDFILLS

Section 724.401 Design and Operating Requirements

- a) Any landfill that is not covered by subsection (c) or 35 Ill. Adm. Code 725.401(a) must have a liner system for all portions of the

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

landfill (except for existing portions of such landfill). The liner system must have:

- 1) A liner that is designed, constructed and installed to prevent any migration of wastes out of the landfill to the adjacent subsurface soil or -ground-water-groundwater or surface water at any time during the active life (including the closure period) of the landfill. The liner must be constructed of materials that prevent wastes from passing into the liner during the active life of the facility. The liner must be:

- A) Constructed of materials that have appropriate chemical properties and sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrogeologic forces), physical contact with the waste or leachate to which they are exposed, climatic conditions, the stress of installation and the stress of daily operation;
- B) Placed upon a foundation or base capable of providing support to the liner and resistance to pressure gradients above and below the liner to prevent failure of the liner due to settlement, compression or uplift; and
- C) Installed to cover all surrounding earth likely to be in contact with the waste or leachate; and

- 2) A leachate collection and removal system immediately above the liner that is designed, constructed, maintained and operated to collect and remove leachate from the landfill. The Agency will specify design and operating conditions in the permit to ensure that the leachate depth over the liner does not exceed 30 cm (one foot). The leachate collection and removal system must be:

- A) Constructed of materials that are:
 - i) Chemically resistant to the waste managed in the landfill and the leachate expected to be generated; and
 - ii) Of sufficient strength and thickness to prevent collapse under the pressures exerted by overlying wastes, waste cover materials and by any equipment used at the landfill; and
- B) Designed and operated to function without clogging through the scheduled closure of the landfill.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

- b) The owner or operator will be exempted from the requirements of subsection (a) if the Board finds, based on a demonstration by the owner or operator, in a variance and/or site-specific rulemaking, that alternative design and operating practices, together with location characteristics, will prevent the migration of any hazardous constituents (see Section 724.193) into the -ground-water-groundwater or surface water at any future time. In deciding whether to grant an exemption, the Board will consider:

- 1) The nature and quantity of the wastes;
- 2) The proposed alternate design and operation;
- 3) The hydrogeologic setting of the facility, including the attenuative capacity and thickness of the liners and soils present between the landfill and -ground-water-groundwater or surface water; and
- 4) All other factors which would influence the quality and mobility of the leachate produced and the potential for it to migrate to -ground-water-groundwater or surface water.

- c) The owner or operator of each new landfill, each new landfill unit at an existing facility, each replacement of an existing landfill unit and each lateral expansion of an existing landfill unit, must install two or more liners and a leachate collection system above and between the liners. The liners and leachate collection systems must protect human health and the environment. The requirement for the installation of two or more liners in this subsection may be satisfied by the installation of a top liner designed, operated and constructed of materials to prevent the migration of any constituent into such liner during the period such facility remains in operation (including any post-closure monitoring period), and a lower liner designed, operated and constructed to prevent the migration of any constituent through such liner during such period. For the purpose of the preceding sentence, a lower liner shall be deemed to satisfy such requirement if it is constructed of at least a 3-foot thick layer of recompacted clay or other natural material with a permeability of no more than 1×10^{-7} centimeter per second.

- d) Subsection (c) will not apply if the owner or operator demonstrates to the Agency, and the Agency finds for such landfill, that alternative design and operating practices, together with location characteristics, will prevent the migration of any hazardous constituent into the -ground-water-groundwater or surface water at least as effectively as such liners and leachate collection systems.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

e) The double liner requirement set forth in subsection (c) be waived by the Agency for any monofill, if:

- 1) The monofill contains only hazardous wastes from foundry furnace emission controls or metal casting molding sand, and such wastes do not contain constituents which would render the wastes hazardous for reasons other than the EP -toxicity characteristic-s- in 35 Ill. Adm. Code 721.124, with USEPA hazardous waste numbers D004 through D017; and

2) No migration demonstration.

A) Design and location requirements.

i) The monofill has at least one liner for which there is no evidence that such liner is leaking.

ii) The monofill is located more than one-quarter mile from an underground source of drinking water (as that term is defined in 35 Ill. Adm. Code 702.110.

iii) The monofill is in compliance with generally applicable ground-water-groundwater monitoring requirements for facilities with RCRA permits; or

B) The owner or operator demonstrates to the Board that the monofill is located, designed and operated so as to assure that there will be no migration of any hazardous constituent into ground-water-groundwater or surface water at any future time.

f) The owner or operator must design, construct, operate and maintain a run-on control system capable of preventing flow onto the active portion of the landfill during peak discharge from at least a 25-year storm.

g) The owner or operator must design, construct, operate and maintain a run-off management system to collect and control at least the water volume resulting from a 24 hour, 25-year storm.

h) Collection and holding facilities (e.g., tanks or basins) associated with run-on and run-off control systems must be emptied or otherwise managed expeditiously after storms to maintain design capacity of the system.

i) If the landfill contains any particulate matter which may be subject to wind dispersal, the owner or operator must cover or otherwise manage the landfill to control wind dispersal.

POLLUTION CONTROL BOARD

NOTICE OF ADOPTED AMENDMENTS

j) The Agency will specify in the permit all design and operating practices that are necessary to ensure that the requirements of this Section are satisfied.

(Source: Amended at 14 Ill. Reg. 16658, effective September 25, 1990)

NOTICE OF ADOPTED AMENDMENT

1) The Heading of the Part: Reimbursement For Nursing Costs For Geriatric Facilities

2) Code Citation: 89 Ill. Adm. Code 147

3) Section Number: Adopted Action:

147.150 Amendment

4) Statutory Authority: Sections 5-5.1 et seq. and 12-13 of the Illinois Public Aid Code (Ill. Rev. Stat. 1989, Ch. 23, Pars. 5-5.1 et seq. and 12-13)

5) Effective Date of Adopted Amendment: September 27, 1990

6) Does this rulemaking contain an automatic repeal date?
Yes X No

7) Does this Adopted Amendment contain incorporations by reference? No

8) Date Filed in Agency's Principal Office: September 27, 1990

9) Notice of Proposal Published in Illinois Register:

May 4, 1990 (14 Ill. Reg. 6664)

10) Has JCAR issued a Statement of Objections to this Adopted Amendment?: No

11) Differences between proposal and final version: Based on comments received the following changes were made to the rule:

In 147.150(b)(1)(A)(v), line 10, the word "subparagraph" was changed to "subsection".

In 147.150(b)(3), line 16 "1230" was changed to "300.1230".

In 147.150(c)(1) the reference to when the IOC rate will be effective as well as the language identifying this date has been changed as follows: In line 11, the amended phrase "annual rate adjustment month" was changed to read "annual nursing IOC rate adjustment date". In line 28, the amended text "first of January for those facilities that have an IOC conducted during the last six months of the year or July for those facilities that have an IOC conducted during the first six months of year, whichever is applicable and will continue for the next twelve months unless an interim

NOTICE OF ADOPTED AMENDMENT

IOC is requested" was deleted, and the language "effective on the facility's annual nursing IOC rate adjustment date" was inserted instead.

"In subsection 147.150(e) "a sufficient reason to believe that" was deleted.

In subsection 147.150(e) the word "must" was changed to "shall".

In subsection 147.150(c)(1) the phrase "inspection of care" was inserted before "IOC" and parenthesis were inserted around "IOC".

In subsection 147.150(e) the apostrophe was removed from the word "month's".

12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes

13) Will this Adopted Amendment replace an Emergency Amendment currently in effect? Yes

14) Are there any Amendments pending on this Part? Yes

There is still an emergency in effect on Section 147.150 which is not affected by this adopted amendment. The emergency amendment appears at 14 Ill. Reg. 14203, effective August 16, 1990, for a maximum of 150 days. The copy filed in the Administrative Code Division reflects both the adopted and emergency amendments.

Section Numbers	Proposed Action	Illinois Register Citation
147.150	Amendment	August 31, 1990 (14 Ill. Reg. 13967)
147.205	Amendment	August 31, 1990 (14 Ill. Reg. 13967)
147.250	New Section	April 13, 1990 (14 Ill. Reg. 5434)
147.250	New Section	September 21, 1990 (14 Ill. Reg. 15243)
147.300	New Section	June 15, 1990 (14 Ill. Reg. 9355)

DEPARTMENT OF PUBLIC AID

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

NOTICE OF ADOPTED AMENDMENT

Section Numbers	Proposed Action	Illinois Register Citation
147.305	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.310	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.315	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.320	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.325	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.330	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.335	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.340	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.345	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147.350	New Section	June 15, 1990 (14 Ill. Reg. 9355)
147. Table A	Amendment	September 21, 1990 (14 Ill. Reg. 15243)

15) Summary and Purpose of Adopted Amendment: This proposed rule change is implementing an annual IOC survey. It also includes criteria for a facility to request an interim IOC for a midyear rate change and a change in who is to be included in the IOC.

16) Information and questions regarding this Adopted Amendment shall be directed to:

Name: Daniel Leikvold, Staff Attorney
Office of the General Counsel

Address: Illinois Department of Public Aid
Jesse B. Harris Bldg. II
100 South Grand Avenue East, 3rd Flr.
Springfield, Illinois 62762

Telephone: (217) 782-1233

The full text of the Adopted Amendment begins on the next page:

DEPARTMENT OF PUBLIC AID

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

NOTICE OF ADOPTED AMENDMENT

TITLE 89: SOCIAL SERVICES
CHAPTER I: DEPARTMENT OF PUBLIC AID
SUBCHAPTER d: MEDICAL PROGRAMS

PART 147

REIMBURSEMENT FOR NURSING COSTS FOR
GERIATRIC FACILITIESSection
147.5

Reimbursement For Nursing Costs For Geriatric Residents in Group Care Facilities
Functional Needs and Restorative Care Service Needs

Definitions

Reconsiderations

Midnight Census Report

Times and Staff Levels

Statewide Rates

Referrals

Basic Rehabilitation Aide Training Program

Nursing Rates

Determination of Program (Specialized Services) Costs

Specialized Service Requirements for Individuals With Mental Illness in Residential Facilities
Inspection of Care (IOC) Review Criteria for the Evaluation of Specialized Services in Residential Facilities for Individuals with Mental Illness
Comprehensive Functional Assessments and Reassessments
Interdisciplinary Team (IDT)
Comprehensive Care Plan (CCP)
Specialized Care - Administration of Psychopharmacologic Drugs

Specialized Care - Behavioral Emergencies

Discharge Planning

Reimbursement for Program Costs in Nursing Facilities Providing Specialized Services for Individuals with Mental Illness

Reimbursement for Program Costs in Nursing Facilities Providing Active Treatment for Individuals with Developmental Disabilities

Staff Time and Allocation by Need Level

Staff Time and Allocation for Restorative Programs

Reimbursement for Program Costs in Nursing Facilities Providing Specialized Services for Individuals with Mental Illness

Reimbursement for Program Costs in Nursing Facilities Providing Active Treatment for Individuals with Developmental Disabilities

Staff Time and Allocation by Need Level

Staff Time and Allocation for Restorative Programs

Reimbursement for Program Costs in Nursing Facilities Providing Specialized Services for Individuals with Mental Illness

Reimbursement for Program Costs in Nursing Facilities Providing Active Treatment for Individuals with Developmental Disabilities

Staff Time and Allocation by Need Level

Staff Time and Allocation for Restorative Programs

AUTHORITY: Implementing Article III of the Illinois Health Finance Reform Act (Ill. Rev. Stat. 1989, ch. 111 1/2, par. 6503-1 et seq.) and implementing and authorized by Articles III, IV, V, VI, VII and Section 12-13 of the Illinois Public

Aid Code (Ill. Rev. Stat. 1989, ch. 23, pars. 3-1 et seq., 4-1 et seq., 5-1 et seq., 6-1 et seq., 7-1 et seq., and 12-13)

SOURCE: Recodified from 89 Ill. Adm. Code 140.900 thru 140.912 and 140.913 to 140.914 at 12 Ill. Reg. 6956; amended at 13 Ill. Reg. 559, effective January 1, 1989; amended at 13 Ill. Reg. 7043, effective April 24, 1989; emergency amendment at 13 Ill. Reg. 10999, effective July 1, 1989, for a maximum of 150 days; emergency expired November 28, 1989; amended at 13 Ill. Reg. 16796, effective October 13, 1989; amended at 14 Ill. Reg. 210, effective December 21, 1989; emergency amendment at 14 Ill. Reg. 6915, effective April 19, 1990, for a maximum of 150 days; emergency amendment at 14 Ill. Reg. 9523, effective June 4, 1990, for a maximum of 150 days; emergency amendment at 14 Ill. Reg. 14203, effective August 16, 1990, for a maximum of 150 days; emergency amendment at 14 Ill. Reg. 15578, effective September 11, 1990, for a maximum of 150 days; amended at 14 Ill. Reg. 16669, effective September 27, 1990.

NOTE: CAPITALIZATION DENOTES STATUTORY LANGUAGE.

AGENCY NOTE: The text of Section 147.150 which appears below does not include the emergency amendment adopted at 14 Ill. Reg. 14203, effective August 16, 1990, for a maximum of 150 days. The copy filed in the Administrative Code Division reflects both the adopted and emergency amendments.

Section 147.150 Statewide Rates

a) This Section will become effective January 1, 1987. 89 Ill. Adm. Code 140.905 will no longer be utilized for determining reimbursement rates as of January 1, 1987.

b) Per diem reimbursement rates for nursing care in intermediate and skilled care facilities consist of six elements: variable time reimbursement, training time reimbursement, fixed time reimbursement, fringe benefit reimbursement, and reimbursement for allowable costs of supplies, consultants, medical and nursing directors, and therapies.

1) Variable Time Reimbursement. Variable nursing time is that time necessary to meet the major service needs of residents which vary due to their physical or mental conditions. Each need level or specific nursing service measured by the Resident Assessment Instrument is associated with an amount of time and staff level (Sections

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

Section 147.150 Statewide Rates (Cont'd)

147. Table A and 147. Table B). Reimbursement is developed by multiplying the time for each service by the wage(s) of the type of staff performing the service except for occupational therapy, physical therapy and speech therapy. If more than one level of staff are involved in delivering a service, reimbursement for that service will be weighted by the wage and number of minutes allocated to each staff type. When a service can be provided by either an RN or an LPN, the wage used will be weighted by the average mix of RNs and LPNs in the sample of facilities used to set rates.

A) Determination of wages. In calculating the rate, the figures used by the Department for "wages" will be determined in the following manner:

- i) The mean wages for the applicable staff levels (RN's, LPN's, Nurse Aides) as reported on the cost reports and determined by geographical location will be the base.
- ii) Fringe benefits and payroll taxes will be calculated according to the statewide ratio of fringe benefits and payroll taxes to total wages measured from the sample of facilities used to set rates;
- iii) The resulting fringe benefits and payroll taxes will be added to the base;
- iv) This new total will then be updated for inflation from the time period for which the wage data are available to the midpoint of the rate year to recognize projected wage changes. The wage inflation rate used to update wages will be determined by comparing the historical change in nursing home wages in Illinois between 1976 and the time the latest wage information is available to the change in the DRI average hourly earnings, production

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

Section 147.150 Statewide Rates (Cont'd)

workers for nursing and personal care facilities index for the U.S. for the same period.

- v) The resulting ratio will be applied to the projected change in the Data Resources Incorporated (DRI) average hourly earnings, production workers for nursing and personal care facilities for the U.S. between the cost report year and the midpoint of the rate year. This yields a wage inflation rate which will be applied to the total described in ~~subpart a~~ subsection (c) to produce total wages by applicable staff levels and geographic location.

B) Determination of Times and Staff Levels. The times and staff levels have been assigned by a panel of administrators and nurses active in long term care. Prior time/motion studies were used to assist the panel. These times will be reviewed periodically to insure that they accurately reflect nursing practice in the State.

2) Training Time Reimbursement

Training Time Reimbursement is determined by assessed need for training, the time allotted for training and the wage rates for licensed and nurse aide staff during the rate year.

- 3) Fixed Time Reimbursement. Fixed or indirect nursing time is that time which does not vary with resident condition or which cannot be measured by an assessment tool. It includes such items as staff meetings, supervision, "downtime", checking physicians' orders and time spent with residents which does not vary with condition. A statewide sample of residents will be used to determine "fixed" time. The mean variable time will be computed for the sample for each level of care, and this amount subtracted from Department of Public Health Minimum Staffing Ratios plus 5% for each level of care. (Department of Public

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

Section 147.150 Statewide Rates (Cont'd)

Health Minimum Staffing Ratios, which are measured in terms of time, can be found in 77 Ill. Adm. Code 330.1230). Once the "fixed" time has been determined, the minutes will be weighted at 20% licensed and 80% unlicensed time and multiplied by the appropriate wage. This amount will be added to variable time for each resident in the sample. If fixed time is less than zero minutes, then it will equal zero.

4) Vacation, Sick Leave and Holiday Time. The time to be added for vacation, sick leave and holidays will be determined by multiplying the sum of Variable and Fixed Time by 5%. This time will then be weighted by 80% unlicensed and 20% licensed wages to determine the amount to be added to the rate for these benefits.

5) Special Supplies, Consultants and the Director of Nursing.

Finally, amounts will be added for health care and program supplies, consultants required by Department of Public Health (including the Medical Director), and the Director of Nursing. (A list of consultants required by the Department of Public Health can be found in 77 Ill. Adm. Code 300.830).

A) Supplies will be updated for inflation using the General Services Inflator (see 89 Ill. Adm. Code 140.551). A standard amount by level of care will be allocated for supplies. This amount will be determined based on the ratio of median updated supply costs by region to median costs for variable and fixed time by level of care (SNF/ICF by region).

B) The same analysis will be used to determine an amount for Consultants (including Medical Director) and the Director of Nursing. However, these costs will be updated with the wage inflation rate.

6) Therapies. Reimbursement for physical therapy, occupational therapy, and speech therapy will not

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

Section 147.150 Statewide Rates (Cont'd)

be based upon individual resident need assessments, but upon the total therapy program days the facility provided to Medicaid residents over the six-month period prior to and including the resident assessment date. These therapy days, by therapy type and level (see Table H) will be associated with staff time per day as shown in Table H and staff wages to produce a per diem rate for each of the three therapy types.

c) Determination of Facility Rates.

- 1) The rate each facility receives will be determined by the assessed needs of residents the facility serves. Effective January 1, 1990, Every-other-quarter nurses from Department of Public Aid (DPA) will conduct an assessment of 100% of the Medicaid residents by level of care in each home annually. The inspection of care (IOC) assessment will be conducted concurrently with the QUIP assessment if the facility chooses to participate in QUIP. The assessment will be conducted during the four month period prior to the annual nursing IOC rate adjustment date. The needs of the residents in the sample will be assessed with the Resident Assessment Instrument. An amount for each resident will be calculated by multiplying the number of minutes from the assessment by the appropriate wage/wages for each assessment item (see (a) above), adding the appropriate amount for fixed time (see (b) above) and amounts for vacation, sick and holiday time (see (c) above), supplies, consultants, and the Director of Nursing, (see (d) above). The average of the rates for residents assessed will become the facility's per diem reimbursement rate for each Medicaid patient in the facility effective on the facility's annual nursing IOC rate adjustment date. ~~For the next six months, at which time a new rate-based on the most recent facility profile will be effective.~~

- 2) A copy of the Resident Assessment will be left with the facility upon completion.

- d) Adjustment in Instrument. Residents assessed as being in need of a service but is not receiving the required

DEPARTMENT OF PUBLIC AID

NOTICE OF ADOPTED AMENDMENT

Section 147.150 Statewide Rates (Cont'd)

service will be scored solely as need not met. The level-of-care will not be scored. If the facility implements the required service within thirty (30) days of the inspection of Care (IOC) Exit and notification of the Department within thirty (30) days of the IOC Exit, via certified mail, the service in question will be reassessed within sixty (60) days of the date of notification.

e) An interim IOC may be requested by a facility by notifying, in writing, the Bureau of Long Term Quality Care Bureau Chief within 180 days of the exit date of the last IOC. The following criteria shall be met before a request for an interim IOC can be made. A 25% or greater turnover in Medicaid residents since the last IOC or there has been a 7% or greater increase in the average per patient care time. The request for the interim IOC shall contain a full explanation of why the facility meets the criteria and shall include any documentation relevant to the request. The facility will be notified within 45 days from the date the request is received of whether an interim IOC will be conducted. If approved, the Bureau will conduct a full IOC within 60 days of the written approval decision. Upon reassessment, if the service need is found to be met an amended 2700 will be forwarded to the DPA. Upon receipt of the amended 2700 the facility's rate will become effective for the final six months of that facility's rate year. be adjusted retroactive to the date the DPA Case Manager determines the service began.

f) If the interim IOC is scheduled to take place during the period when the next annual IOC is scheduled, only one IOC will be done. The rate that results will apply for the 18 month period which begins with the effective date of the interim IOC rate.

(Source: Amended at 14 Ill. Reg. 16669, effective September 27, 1990)

DEPARTMENT OF REVENUE

NOTICE OF ADOPTED AMENDMENTS

- 1) Heading of the Part: Cannabis and Controlled Substances Tax Act
- 2) Code Citation: 86 Ill. Adm. Code 428
- 3) Section Numbers: 428.130 Adopted Action: Amendment
- 4) Statutory Authority: Ill. Rev. Stat. 1989, ch. 120, par. 2154
- 5) Effective Date of Amendment(s): September 21, 1990
- 6) Does this rulemaking contain an automatic repeal date? Yes ☐ No ☒ X
- 7) Does this amendment contain incorporations by reference? No
- 8) Date Filed in Agency's Principal Office: September 21, 1990
- 9) Notice of Proposal Published in Illinois Register:
June 8, 1990, 14 Ill. Reg. 8996
(issue date)
- 10) Has JCAR issued a Statement of Objections to this Rule? No
- 11) Differences between proposal and final version: None.
- 12) Have all the changes agreed upon by the agency and JCAR been made as indicated in the agreement letter issued by JCAR? Yes
- 13) Will this amendment replace an emergency amendment currently in effect?
Yes
- 14) Are there any amendments pending on this Part? No
- 15) Summary and Purpose of Rule(s): Collection of penalty as a part of the tax. Jeopardy assessments and the filing of jeopardy assessment liens.
- 16) Information and questions regarding this adopted rule shall be directed to:
R. Dale Yung
Administrator
Legal Services Bureau
Illinois Department of Revenue
101 West Jefferson
Springfield, Illinois 62794
Phone: (217) 782-6336

DEPARTMENT OF REVENUE

NOTICE OF ADOPTED AMENDMENTS

DEPARTMENT OF REVENUE

NOTICE OF ADOPTED AMENDMENTS

TITLE 86: REVENUE

CHAPTER I: DEPARTMENT OF REVENUE

PART 428

CANNABIS AND CONTROLLED SUBSTANCES TAX ACT

Section

428.100 Definitions

428.110 Imposition of Tax

428.120 Tax Stamps; Returns

428.130 Failure To Pay Tax; Penalties

AUTHORITY: Implementing and authorized by the Cannabis and Controlled Substances Tax Act (Ill. Rev. Stat. 1989, ch. 120, par. 2151 et seq.).

SOURCE: Adopted at 12 Ill. Reg. 15159, effective September 19, 1988; emergency amendment at 14 Ill. Reg. 9251, effective May 22, 1990, for a maximum of 150 days; amended at 14 Ill. Reg. 16680, effective September 21, 1990.

NOTE: Capitalization denotes statutory language.

Section 428.130 Failure To Pay Tax; Penalties

- a) When the Illinois Attorney General or a State's Attorney obtains a conviction of a dealer for a violation of the Cannabis Control Act or the Illinois Controlled Substances Act, and when the container of cannabis or controlled substances in the dealer's possession did not bear tax stamps evidencing that the tax imposed by the Act had been paid, the Department requests that such official immediately provide the Department with the following information:--The dealer's name, current mailing address, social security number, and date of birth; a copy of the information or indictment upon which the conviction was based; the weight, to the nearest tenth of a gram, of number of dosage units if not sold by weight of the drug upon which the conviction was based; and the name and address of any peace officer who witnessed the dealer's possession of untaxed cannabis or controlled substances. --The requested information should be sent to the Illinois Department of Revenue, P.O. Box 190187, Springfield, Illinois 62794-9018. When an Illinois law enforcement agency or prosecuting authority learns that a dealer has transferred, manufactured, produced, shipped, transported, imported, sold or possesses (with intent to deliver to another person) more than 30 grams of cannabis or more than 5 grams of any controlled substance or 5 or more dosage units of a controlled substance not bearing valid tax stamps or other official indicia showing that the tax imposed by the Act has been paid, such law enforcement agency or prosecuting authority is requested to immediately notify the Department and provide the

The full text of the Adopted Amendment begins on the next page:

NOTICE OF ADOPTED AMENDMENTS

following information: the dealer's name, current mailing address, social security number and date of birth; the weight, to the nearest tenth of a gram, or number of dosage units (if not measured by weight) of the cannabis or controlled substance; and the name and address of all peace officers who witnessed the dealer's possession, transfer, manufacture, shipment, transportation, importation or sale of such cannabis or controlled substance. This information should be transmitted to the Department's Bureau of Criminal Investigation. The foregoing is not intended to limit in any way the Department's duty and authority to enforce the tax and collection provisions of the Act.

b) Upon receipt of information requested in subsection (a), the Department will send a Notice of Tax Liability by certified mail, return receipt requested, to the dealer at his or her last known address. In addition to assessing the amount of tax due under the Act, the Notice will also assess a penalty equal to four times the amount of the tax. Upon obtaining probative information that a dealer has transferred, manufactured, produced, shipped, transported, imported, sold or possesses (with intent to deliver to another person) the minimum jurisdictional quantity of cannabis or controlled substance not bearing valid tax stamps or other official indicia showing payment of the tax, the Department may issue a Jeopardy Assessment against such dealer for the tax and the penalty, which shall be collected as part of the tax, and applicable interest, as provided in Section 1102 of the Illinois Income Tax Act (Ill. Rev. Stat. 1989, ch. 120, par. 11-1102). The Department shall send a Notice of Jeopardy Assessment to the dealer by certified mail, return receipt requested, at his or her last known address.

c) Upon the issuance of a jeopardy assessment for the tax and penalty to be collected as part of the tax (plus interest provided by law), the Department may immediately file a Notice of Jeopardy Assessment lien in the office of recorder of the county in which any property of the dealer may be located and shall notify said dealer of such filing by certified mail, return receipt requested, sent to such dealer at his or her last known address.

d) Upon the filing of the Notice of Jeopardy Assessment lien, the Department may seize, detain and levy upon all property and rights to property (whether real, personal, tangible or intangible) of the dealer, without exception, found within the State of Illinois, for the payment of the tax with the added penalty to be collected as part thereof, plus interest and costs. THE DEPARTMENT MAY ISSUE A WARRANT DIRECTED TO ANY SHERIFF OR OTHER PERSON AUTHORIZED TO SERVE PROCESS, COMMANDING THE SHERIFF OR OTHER PERSON TO LEVY UPON THE PROPERTY AND RIGHTS TO PROPERTY (WHETHER REAL OR PERSONAL, TANGIBLE OR INTANGIBLE) OF THE TAXPAYER, WITHOUT EXEMPTION, FOUND WITHIN HIS

JURISDICTION, FOR THE PAYMENT OF THE AMOUNT THEREOF WITH THE ADDED PENALTIES, INTEREST AND THE COST OF EXECUTING THE WARRANT. THE TERM "LEVY" INCLUDES THE POWER OF DISTRAIN AND SEIZURE BY ANY MEANS. Subject to the provisions of subsection (f) of this section, IN ANY CASE IN WHICH THE WARRANT TO LEVY HAS BEEN ISSUED, THE SHERIFF OR OTHER PERSON TO WHOM THE WARRANT WAS DIRECTED MAY SEIZE AND SELL SUCH PROPERTY OR RIGHTS TO PROPERTY. SUCH WARRANT SHALL BE RETURNED TO THE DEPARTMENT TOGETHER WITH THE MONEY COLLECTED BY VIRTUE THEREOF WITHIN THE TIME THEREIN SPECIFIED, WHICH SHALL NOT BE LESS THAN 20 NOR MORE THAN 90 DAYS FROM THE DATE OF THE WARRANT. THE SHERIFF OR OTHER PERSON TO WHOM SUCH WARRANT IS DIRECTED SHALL PROCEED IN THE SAME MANNER AS PRESCRIBED BY LAW IN RESPECT TO THE ENFORCEMENT AGAINST PROPERTY UPON JUDGMENTS BY A COURT, AND SHALL BE ENTITLED TO THE SAME FEES FOR HIS SERVICES IN EXECUTING THE WARRANT, TO BE COLLECTED IN THE SAME MANNER. (Ill. Rev. Stat. 1989, ch. 120, par. 2173). In addition, Revenue Special Agents employed by the Department and so designated in writing by the Director, are authorized to seize tangible personal property of the taxpayer. Any officer or employee of the Department, designated in writing by the Director, may levy upon wages, accounts and other intangible assets of a taxpayer. Subject to the provisions of subsection (f) of this section, IN ANY CASE WHERE PROPERTY OR RIGHTS TO PROPERTY HAVE BEEN SEIZED BY AN OFFICER OR EMPLOYEE OF THE DEPARTMENT OR BY AN OFFICER OF THE ILLINOIS DEPARTMENT OF STATE POLICE, OR SUCCESSOR AGENCY THERETO, UNDER THE AUTHORITY OF A WARRANT TO LEVY ISSUED BY THE DEPARTMENT OF REVENUE, THE DEPARTMENT OF REVENUE MAY TAKE POSSESSION OF AND MAY SELL SUCH PROPERTY OR RIGHTS TO PROPERTY AND THE DEPARTMENT OF REVENUE MAY CONTRACT WITH THIRD PERSONS TO CONDUCT SALES OF SUCH PROPERTY OR RIGHTS TO THE PROPERTY. IN THE CONDUCT OF SUCH SALES, THE DEPARTMENT OF REVENUE SHALL PROCEED IN THE SAME MANNER AS IS PRESCRIBED BY LAW FOR PROCEEDING AGAINST PROPERTY TO ENFORCE JUDGMENTS WHICH ARE ENTERED BY A CIRCUIT COURT OF THIS STATE. IF, IN THE DEPARTMENT OF REVENUE'S OPINION, NO OFFER TO PURCHASE AT SUCH SALE IS ACCEPTABLE BECAUSE IT IS TOO LOW COMPARED TO VALUE AND THE STATE'S INTEREST WOULD BE BETTER SERVED BY RETAINING THE PROPERTY FOR SALE AT A LATER DATE, THEN THE DEPARTMENT MAY DECLINE TO ACCEPT ANY BID AND MAY RETAIN THE PROPERTY FOR SALE AT A LATER DATE. (Section 23 of the Act).

e) A dealer wishing to contest the Department's notice assessing the tax and penalty may, if the dealer believes that he does not owe some or all of the amount for which the lien was filed, he may protest and request a hearing to be conducted pursuant to the provisions of the Department's hearing rules (86 Ill. Adm. Code 200). The request shall be in writing, and must be postmarked no more than 20 days after the date the Department mailed the Notice of Tax Liability notice of the filing of the lien. The request for a hearing must be mailed to: Illinois Department of Revenue, P.O. Box 19018, Springfield, Illinois 62794-9018.

f) Property or rights to property seized pursuant to the provisions of subsection (d) of this Section shall not be sold until the expiration of the period for requesting a hearing pursuant to subsection (e) of this Section, or if a hearing was requested, prior to a final determination after hearing.

(Source: Amended at 14 Ill. Reg. 16680 effective September 21, 1990)

ILLINOIS REGISTER
DEPARTMENT OF STATE POLICE
NOTICE OF EMERGENCY RULES

- 1) Heading of Part: Drug Asset Forfeiture Procedure Act
- 2) Code Citation: 20 Ill. Adm. Code 1225
- 3) Section Numbers:

1225.10
1225.20
1225.30
1225.40
1225.50

Emergency Action:

New Section
New Section
New Section
New Section

4) Statutory Authority: Implementing and authorized by the Drug Asset Forfeiture Procedure Act (P.A. Act 86-1382, effective September 10, 1990) and authorized by Section 55a of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, par. 55a).

- 5) Effective Date of Rules: September 19, 1990.
- 6) If this emergency rule is to expire before the end of the 150-day period, please specify the date: This rule will not expire before the end of the 150-day period.
- 7) Date filed in Agency's Principal Office: September 19, 1990.

8) Reason for Emergency: The Drug Asset Forfeiture Procedure Act (Act) establishes a new, uniform procedure for seizing and forfeiting property related to drug abuse and drug trafficking. Although forfeiture procedures have been available for a number of years, there were many ambiguities and overlapping of authority found in the statutes. This Act resolves these problems and provides a single, simplified process.

The Act passed both houses of the Illinois legislature on June 29, 1990. Its provisions specifically state that it shall take effect upon becoming law. The Governor signed the bill on September 10, 1990, and it immediately became the law with respect to drug forfeitures. The Illinois State Police had no control over the timing of these actions and this emergency situation arises through no fault of its own.

Law enforcement property seizures relating to drug offenses are dependent upon opportunity and the actions of offenders. It is impossible to plan or anticipate exactly when a seizure will occur. Application of the provisions of the Act became an immediate possibility upon the signing of the bill.

The delay necessitated by the regular notice periods would leave undelineated the responsibilities and duties relating to the forfeiture process.

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

Without the direction provided by this emergency rule, law enforcement agencies will be unable to ensure compliance with the Act. It is possible that forfeitures would be mishandled and property ordered returned to the offenders, thereby threatening the public interest, safety, and welfare. This emergency rule is limited to those procedures necessary for the successful processing of the forfeitures.

This emergency rule shall be publicized through a series of training sessions throughout the State. Explanatory material and instructions will also be distributed to affected entities.

The Department has not adopted the same or substantially the same emergency rule at any time in the past. The Department has legal authority, statutory authority, and rulemaking authority to adopt this emergency rule and the rule implements the legislative intent with respect to the Act.

9) A Complete Description of the Subjects and Issues Involved: The Illinois Drug Asset Forfeiture Procedure Act describes the process for the seizure and forfeiture of property under the cannabis and controlled substances laws. These rules describe the specific procedures and responsibilities for implementing this process.

10) Are there any proposed amendments pending on this Part? No.

11) Statement of Statewide Policy Objectives: If a local law enforcement agency or prosecutor chooses to seize property for the purpose of forfeiture under the Drug Asset Forfeiture Procedure Act, these rules require the seizing agency to maintain the property until the forfeiture is complete. It is anticipated that this expense shall be more than compensated by the eventual distribution of the proceeds of the forfeiture.

12) Information and questions regarding this emergency part shall be directed to:

Mr. James W. Redlich
Legal Advisor
Illinois State Police
103 Armory Building
P.O. Box 19461
Springfield, Illinois 62794-9461
217/782-7658

The full text of the Emergency Rules begins on the next page:

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

TITLE 20: CORRECTIONS, CRIMINAL JUSTICE AND LAW ENFORCEMENT
CHAPTER II: DEPARTMENT OF STATE POLICE

PART 1225

DRUG ASSET FORFEITURE PROCEDURE ACT

SUBPART A: PROMULGATION

Section
1225.10 Purpose
EMERGENCY
1225.20 Definitions
EMERGENCY

SUBPART B: PROCEDURES AND RESPONSIBILITIES

Section
1225.30 Seizure Notice
EMERGENCY
1225.40 Disposition of Seized Property Before Forfeiture
EMERGENCY
1225.50 Disposition of Seized Property After Forfeiture
EMERGENCY

AUTHORITY: Implementing and authorized by the Drug Asset Forfeiture Procedure Act (P.A. 86-1382, effective September 10, 1990) and authorized by Section 55a of the Civil Administrative Code of Illinois (Ill. Rev. Stat. 1989, ch. 127, par. 55a).

SOURCE: Emergency Rules Adopted at 14 Ill. Reg. 16686, effective September 19, 1990, for a maximum of 150 days.

SUBPART A: PROMULGATION

Section 1225.10 Purpose
EMERGENCY

The purpose of this Part is to provide requirements and procedures for the seizure and forfeiture of property under the Drug Asset Forfeiture Procedure Act.

Section 1225.20 Definitions
EMERGENCY

Unless specified otherwise, all terms shall have the meaning set forth in the Drug Asset Forfeiture Procedure Act (P.A. 86-1382, effective September 10, 1990). For purpose of this Part, the following additional definitions apply:

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

"Act" means the Drug Asset Forfeiture Procedure Act (P.A. 86-1382, effective September 10, 1990).

"Cannabis Control Act" means the Illinois Cannabis Control Act (Ill. Rev. Stat. 1989, ch. 56 1/2, par. 701 et seq.) as amended by P.A. 86-1382, effective September 10, 1990.

"Conveyance" means any vehicle, aircraft, or vessel.

"Director" means the Director of the Department of State Police or the designee of the Director of the Department of State Police.

"Illinois Controlled Substances Act" means the Illinois Controlled Substances Act (Ill. Rev. Stat. 1989, ch. 56 1/2, pars. 1100 et seq.) as amended by P.A. 86-1382, effective September 10, 1990.

"Notice/Inventory Form" means a form (or a copy of the form) supplied by the Department of State Police to be used to provide notice of seizure to the Director.

"Seized property" means any property, money, or other asset seized for the purpose of forfeiture under the Act.

"Seizing agency" means the agency primarily responsible for a particular seizure.

SUBPART B: PROCEDURES AND RESPONSIBILITIES

Section 1225.30 Seizure Notice
EMERGENCY

a) Any entity that seizes property for the purpose of forfeiture under the Act shall, within 30 days of the seizure, provide notice of the seizure to the Director. The Director may extend the 30-day period if it is determined that the seizing agency has made a good faith effort to promptly provide notice.

b) Notice shall be provided by mailing a completed Notice/Inventory Form, together with the agency's reports relating to the seizure, to the address indicated on the form.

c) The completed Notice/Inventory Form shall include, but is not limited to, the following information:

- 1) The date, location, and county of the seizure;

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

- 2) The name (including unit description), address, contact person, and telephone number of the seizing agency;

- 3) The name and address of the person from whom the property was seized;

- 4) The description of the property seized:

- A) For conveyances, the description shall include the year, make, model, vehicle identification number, storage location, and estimated value;

- B) For other personal property, the description shall include a narrative description, serial numbers (and any other identifying numbers, such as model numbers), storage location, and estimated value;

- C) For real property, the description shall include the address, the legal description, and estimated value;

- 5) The name and address of the registered owner of any conveyance seized;

- 6) The names and addresses of all lien holders with respect to any property seized;

- 7) The names of any other agencies involved in the case.

- d) Filing the Notice/Inventory Form with the Director shall satisfy the notice-of-seizure requirements found at Section 12(d) of the Cannabis Control Act and Section 505(d) of the Illinois Controlled Substances Act.

Section 1225.40 Disposition of Seized Property Before Forfeiture
EMERGENCY

- a) Unless an alternative arrangement is ordered in writing by the Director, seized property shall be kept in the possession of the seizing agency until forfeiture proceedings are completed.

- b) The agency in possession of seized property shall take whatever action is necessary to ensure the seized property is secured and maintained in such a way so as not to be reduced in value. All costs related to the possession of the seized property prior to forfeiture shall be the responsibility of the agency in possession of the property. This provision applies to both real property and personal property.

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

c) Seized property that is evidence in a criminal proceeding shall be kept by the seizing agency in the same manner other evidence is maintained by that agency.

d) The Director shall be notified any time seized property is disposed of by means other than forfeiture.

Section 1225.50 Disposition of Seized Property After Forfeiture
EMERGENCY

a) Property forfeited under the Act shall be sold by the Director except in the following circumstances:

- 1) Law requires the property to be destroyed; or
 - 2) The property is harmful to the public; or
 - 3) The seizing agency or the prosecutor responsible for the forfeiture requests in writing that the Director returns the property to the agency or prosecutor; and
- A) The returned property would be used for the enforcement of laws relating to cannabis or controlled substances; and
- B) The Director finds that return of the property to the agency or prosecutor would be more effective in the enforcement of laws relating to cannabis and controlled substances than would the distribution of proceeds of the sale of the property; and
- C) If more than one agency participated in the seizure, the Director may require agreement among the participating agencies that return of the property to a particular agency or prosecutor is appropriate.

b) Real property may be returned to a seizing agency to be used for the enforcement of laws relating to cannabis and controlled substances. The agency in possession of forfeited real property shall maintain all records related to the use and possession of the property. These records shall be available for inspection by the Director on request.

c) In the event real property returned to a seizing agency is sold by the seizing agency, the proceeds of that sale shall be returned to the Director for distribution in accordance with this Part. Forfeited real property shall not be sold for less than fair market value.

DEPARTMENT OF STATE POLICE

NOTICE OF EMERGENCY RULES

d) All money forfeited and the proceeds of the sale of forfeited property shall be distributed by the Director in the percentages indicated at Section 12(g) of the Cannabis Control Act and Section 505(g) of the Illinois Controlled Substances Act.

e) In the event more than one agency participated in the law enforcement effort resulting in the forfeiture, the distribution among the agencies shall bear a reasonable relationship to the degree of participation by each agency. In making this determination, the Director shall consider:

- 1) The extent to which each agency contributed information that led to the seizure, and the resources expended by each agency to develop that information;
- 2) The extent to which each agency contributed unique or specialized assistance to the law enforcement effort resulting in the forfeiture;
- 3) The extent to which each agency located and identified particular assets eligible for seizure and forfeiture;
- 4) The extent to which each agency contributed general agency resources for the investigation, seizure, and forfeiture process.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PUBLIC HEARING ON PROPOSED AMENDMENTS

1) Heading of the Part:

Private Sewage Disposal Code

2) Code Citation:

77 Ill. Adm. Code 905

3) Register Citation to Notice of Proposed Amendments:

This issue of the Illinois Register.

4) Date, Time and Location of Public Hearing:

10:00 a.m.

October 22, 1990

First Floor Training Room

Illinois Department of Public Health

525 West Jefferson

Springfield, Illinois 62761

5) Other Pertinent Information:

The hearings will be for the sole purpose of gathering public comment on the proposed amendments. Persons interested in presenting testimony at this hearing are advised that the Department will adhere to the following procedures in the conduct of the hearing:

1. Each person presenting oral testimony shall provide to the Hearing Officer a written (preferably typed) copy of such testimony at the time the oral testimony is presented. No oral testimony shall be accepted without such written copy of the testimony being provided.
2. Each person presenting oral testimony will be limited to fifteen (15) minutes for the presentation of such testimony.
3. No person will be recognized to speak for a second time until all persons wishing to testify have done so. All testimony shall conclude at the specific times except that an individual in the midst of presenting testimony shall be allowed to complete his/her testimony.
4. In order to provide for a balanced presentation of views and to facilitate the orderly conduct of the hearing, the Hearing Officer may impose such other rules of procedure, including the order of call of witnesses, as he/she deems necessary.

DEPARTMENT OF PUBLIC HEALTH

NOTICE OF PUBLIC HEARING ON PROPOSED AMENDMENTS

6) Name and Address of Agency Contact Person:

Questions regarding these proposed amendments or public hearings shall be directed to:

Mr. Robert John Kane
Administrative Rules Coordinator
Illinois Department of Public Health
525 West Jefferson, Second Floor
Springfield, Illinois 62761

JOINT COMMITTEE ON ADMINISTRATIVE RULES
STATE OF ILLINOIS CENTER
ROOM 16-504

CHICAGO, ILLINOIS
10:00 A.M.

OCTOBER 11, 1990

NOTICE: It is the policy of the Joint Committee to allow only representatives of state agencies to testify orally on any rule under consideration at Joint Committee hearings. If members of the public wish to express their views with respect to a proposed rule, they should submit written comments to the Office of the Joint Committee at the following address:

Joint Committee on Administrative Rules
509 South Sixth Street
Room 500
Springfield, Illinois 62701

AGENDA

- I. Approval of September 13, 1990 Minutes
- II. Review of Proposed Agency Rulemaking

Department of Agriculture

1. Illinois State Fair and DuQuoin State Fair, Non-Space Rental and The General Operation of the State Fairgrounds; 8 Ill. Adm. Code 270
-First Notice Published: 14 Ill. Reg. 10965 - 7-13-90
-Expiration of Second Notice Period: 10-26-90

Department of Alcoholism and Substance Abuse

2. Licensure of Alcoholism and Substance Abuse Treatment, Intervention and Research Programs; 77 Ill. Adm. Code 2058
-First Notice Published: 14 Ill. Reg. 6457 - 5-4-90
-Expiration of Second Notice Period: 11-5-90

Department of Central Management Services

3. State of Illinois Medical Care Assistance Plan; 80 Ill. Adm. Code 2120
-First Notice Published: 14 Ill. Reg. 10603 - 7-6-90
-Expiration of Second Notice Period: 10-15-90
4. Pay Plan; 80 Ill. Adm. Code 310
-First Notice Published: 14 Ill. Reg. 10189 - 6-29-90
-Expiration of Second Notice Period: 10-29-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Illinois Commerce Commission

5. Cellular Radio Exclusion; 83 Ill. Adm. Code 760
-First Notice Published: 14 Ill. Reg. 9631 - 6-22-90
-Expiration of Second Notice Period: 10-29-90

Department of Commerce and Community Affairs

6. Local Tourism and Convention Bureau Program; 14 Ill. Adm. Code 550
-First Notice Published: 14 Ill. Reg. 5294 - 4-13-90
-Expiration of Second Notice Period: 10-15-90

7. Illinois Public Infrastructure Loan and Grant Program; 14 Ill. Adm. Code 610
-First Notice Published: 14 Ill. Reg. 7300 - 5-18-90
-Expiration of Second Notice Period: 10-22-90

8. Illinois Large Business Development Program; 14 Ill. Adm. Code 590
-First Notice Published: 14 Ill. Reg. 7291 - 5-18-90
-Expiration of Second Notice Period: 10-22-90

9. Uniform Fiscal and Administrative Standards for the Job Training Partnership Act; 56 Ill. Adm. Code 2630
-First Notice Published: 14 Ill. Reg. 7312 - 5-18-90
-Expiration of Second Notice Period: 10-22-90

Department of Conservation

10. The Forest Transportation Act; 17 Ill. Adm. Code 1530
-First Notice Published: 14 Ill. Reg. 11047 - 7-13-90
-Expiration of Second Notice Period: 10-15-90

11. Possession of Specimens or Products of Endangered and Threatened Species; 17 Ill. Adm. Code 1070
-First Notice Published: 14 Ill. Reg. 11052 - 7-13-90
-Expiration of Second Notice Period: 10-15-90

12. Forest Management Plan; 17 Ill. Adm. Code 1537
-First Notice Published: 14 Ill. Reg. 8273 - 6-1-90
-Expiration of Second Notice Period: 10-28-90

13. Forestry Development Cost Share Program; 17 Ill. Adm. Code 1536
-First Notice Published: 14 Ill. Reg. 8289 - 6-1-90
-Expiration of Second Notice Period: 10-28-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Corrections

14. Records of Committed Persons; 20 Ill. Adm. Code 107
-First Notice Published: 14 Ill. Reg. 12125 - 7-27-90
-Expiration of Second Notice Period: 11-2-90

State Board of Education

15. Educational Service Centers; 23 Ill. Adm. Code 500
-First Notice Published: 14 Ill. Reg. 8307 - 6-1-90
-Expiration of Second Notice Period: 11-5-90

16. Program Accounting Manual; 23 Ill. Adm. Code 110
-First Notice Published: 14 Ill. Reg. 8319 - 6-1-90
-Expiration of Second Notice Period: 11-5-90

17. Reading Improvement Program; 23 Ill. Adm. Code 260
-First Notice Published: 14 Ill. Reg. 8424 - 6-1-90
-Expiration of Second Notice Period: 11-5-90

Illinois Consortium for Educational Opportunity

18. Illinois Consortium for Educational Opportunity Program; 23 Ill. Adm. Code 2400
-First Notice Published: 14 Ill. Reg. 12357 - 8-3-90
-Expiration of Second Notice Period: 11-1-90

Department of Employment Security

19. Claimant's Active Search for Work; 56 Ill. Adm. Code 2865
-First Notice Published: 14 Ill. Reg. 10215 - 6-29-90
-Expiration of Second Notice Period: 10-19-90
20. Determination of Unemployment Contributions; 56 Ill. Adm. Code 2770
-First Notice Published: 14 Ill. Reg. 12364 - 8-3-90
-Expiration of Second Notice Period: 11-1-90

Department of Insurance

21. Minimum Standards for Individual and Group Medicare Supplement Insurance; 50 Ill. Adm. Code 2008
-First Notice Published: 14 Ill. Reg. 10247 - 6-29-90
-Expiration of Second Notice Period: 11-5-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Mines and Minerals

22. The Illinois Oil and Gas Act; 62 Ill. Adm. Code 240
-First Notice Published: 14 Ill. Reg. 10288 - 6-29-90
-Expiration of Second Notice Period: 10-22-90

Department of Nuclear Safety

23. Registration of Radon Detection and Mitigation Services; 32 Ill. Adm. Code 420
-First Notice Published: 13 Ill. Reg. 19034 - 12-8-89
-Expiration of Second Notice Period: 10-19-90

Pollution Control Board

24. Effluent Standards; 35 Ill. Adm. Code 304
-First Notice Published: 14 Ill. Reg. 11093 - 7-13-90
-Expiration of Second Notice Period: 11-5-90

Department of Public Aid

25. Medical Payment; 89 Ill. Adm. Code 140
-First Notice Published: 14 Ill. Reg. 3019 - 3-2-90
-Expiration of Second Notice Period: 10-22-90

26. Drug Manual; 89 Ill. Adm. Code 141
-First Notice Published: 14 Ill. Reg. 12202 - 7-27-90
-Expiration of Second Notice Period: 10-29-90

27. Hospital Services; 89 Ill. Adm. Code 148
-First Notice Published: 14 Ill. Reg. 11108 - 7-13-90
-Expiration of Second Notice Period: 10-31-90

28. Rules of Practice in Administrative Hearings; 89 Ill. Adm. Code 104
-First Notice Published: 14 Ill. Reg. 12204 - 7-27-90
-Expiration of Second Notice Period: 11-1-90

29. Child Support Enforcement; 89 Ill. Adm. Code 160.5 through 160.138
-First Notice Published: 14 Ill. Reg. 12148 - 7-27-90
-Expiration of Second Notice Period: 11-1-90

30. Child Support Enforcement; 89 Ill. Adm. Code 160.60 through 160.65
-First Notice Published: 14 Ill. Reg. 12148 - 7-27-90
-Expiration of Second Notice Period: 11-1-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

31. Medical Payment; 89 Ill. Adm. Code 140
 -First Notice Published: 14 Ill. Reg. 5726 - 3-23-90
 -Expiration of Second Notice Period: 9-13-90

Department of Public Health

32. Program Content and Guidelines for Title X Family Planning Services; 77 Ill. Adm. Code 635
 -First Notice Published: 14 Ill. Reg. 7858 - 5-25-90
 -Expiration of Second Notice Period: 10-19-90

33. Repeal of Family Practices Residency Act; 77 Ill. Adm. Code 590
 -First Notice Published: 14 Ill. Reg. 8493 - 6-1-90
 -Expiration of Second Notice Period: 10-25-90

34. Family Practice Residency Code; 77 Ill. Adm. Code 590
 -First Notice Published: 14 Ill. Reg. 8503 - 6-1-90
 -Expiration of Second Notice Period: 10-25-90

35. Testing of Breath, Blood and Urine for Alcohol and/or Other Drugs; 77 Ill. Adm. Code 510
 -First Notice Published: 14 Ill. Reg. 11119 - 7-13-90
 -Expiration of Second Notice Period: 11-5-90

Department of Rehabilitation Services

36. Services Plan Development; 89 Ill. Adm. Code 700
 -First Notice Published: 14 Ill. Reg. 8103 - 5-25-90
 -Expiration of Second Notice Period: 10-25-90

37. Non-Financial Eligibility Criteria; 89 Ill. Adm. Code 685
 -First Notice Published: 14 Ill. Reg. 8982 - 6-8-90
 -Expiration of Second Notice Period: 10-25-90

38. Client Financial Participation; 89 Ill. Adm. Code 562
 -First Notice Published: 14 Ill. Reg. 9379 - 6-15-90
 -Expiration of Second Notice Period: 10-25-90

39. Prescreening and Eligibility Determination Processes; 89 Ill. Adm. Code 690
 -First Notice Published: 14 Ill. Reg. 9397 - 6-15-90
 -Expiration of Second Notice Period: 10-25-90

40. Case Management Services to Persons with AIDS; 89 Ill. Adm. Code 716
 -First Notice Published: 14 Ill. Reg. 9994 - 6-22-90
 -Expiration of Second Notice Period: 10-25-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

41. Advisory Councils; 89 Ill. Adm. Code 515
 -First Notice Published: 14 Ill. Reg. 9370 - 6-15-90
 -Expiration of Second Notice Period: 10-29-90

42. Centers for Independent Living; 89 Ill. Adm. Code 885
 -First Notice Published: 14 Ill. Reg. 6666 - 5-4-90
 -Expiration of Second Notice Period: 11-1-90

Secretary of State

43. Certificates of Title, Registration of Vehicles; 92 Ill. Adm. Code 1010
 -First Notice Published: 14 Ill. Reg. 8575 - 6-1-90
 -Expiration of Second Notice Period: 10-15-90

Teachers' Retirement System

44. The Administration and Operation of the Teachers' Retirement System; 80 Ill. Adm. Code 1650
 -First Notice Published: 14 Ill. Reg. 11742 - 7-20-90
 -Expiration of Second Notice Period: 10-22-90

III. Certification of No Objection to Proposed Rulemaking

IV. Review of Emergency Rulemaking and Peremptory Rulemaking

Department of Central Management Services

45. Pay Plan; 80 Ill. Adm. Code 310 (Emergency)
 -Notice Published: 14 Ill. Reg. 15570 - 9-21-90

Commissioner of Savings and Residential Finance

46. Savings Bank Act; 38 Ill. Adm. Code 1075 (Emergency)
 Notice Published: 14 Ill. Reg. 15029 - 9-14-90

Department of Mental Health and Developmental Disabilities

47. Family Assistance and Home-Based Support Programs for Persons with Mental Disabilities; 59 Ill. Adm. Code 117 (Emergency)
 -Notice Published: 14 Ill. Reg. 14987 - 9-14-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Public Aid

48. Medical Payment; 89 Ill. Adm. Code 140 (Emergency)
-Notice Published: 14 Ill. Reg. 14184 - 8-31-90
49. Reimbursement for Nursing Costs for Geriatric Facilities; 89 Ill. Adm. Code 147 (Emergency)
-Notice Published: 14 Ill. Reg. 14203 - 8-31-90
50. Medical Payment; 89 Ill. Adm. Code 140 (Emergency)
-Notice Published: 14 Ill. Reg. 14570 - 9-7-90
51. Food Stamps; 89 Ill. Adm. Code 121 (Peremptory)
-Notice Published: 14 Ill. Reg. 15158 - 9-14-90
52. Reimbursement for Nursing Costs for Geriatric Facilities; 89 Ill. Adm. Code 147 (Emergency)
-Notice Published: 14 Ill. Reg. 15578 - 9-21-90

Department of Public Health

53. Illinois Trauma Center Code; 77 Ill. Adm. Code 540 (Emergency)
-Notice Published: 14 Ill. Reg. 13856 - 8-24-90

V. Agency Responses to Joint Committee Statements of Objection

Carnival Amusement Safety Board

54. Carnival and Amusement Ride Inspection Law; 56 Ill. Adm. Code 6000
-First Published: 14 Ill. Reg. 3235 - 3-2-90
-Objection Date: 4-3-90
-Response: No Response

Department of Conservation

55. Records of Committed Persons; 20 Ill. Adm. Code 107
-First Published: 14 Ill. Reg. 12273 - 7-27-90
-Objection Date: 8-21-90
-Response: Modification

56. Illinois Bicycle Path Grant Program; 17 Ill. Adm. Code 3040
-First Published: 14 Ill. Reg. 442 - 1-12-90
-Objection Date: 4-3-90
-Response: No Response

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

57. General Hunting and Trapping on Department-Owned or -Managed Sites; 17 Ill. Adm. Code 510
-First Published: 14 Ill. Reg. 3757 - 3-16-90
-Objection Date: 8-21-90
-Response: Agreement
58. Muskrat, Mink, Raccoon, Opossum, Striped Skunk, Weasel, Red Fox, Gray Fox, Coyote, Beaver and Woodchuck (Groundhog) Hunting; 17 Ill. Adm. Code 570
-First Published: 14 Ill. Reg. 3764 - 3-16-90
-Objection Date: 8-21-90
-Response: Agreement
59. White-Tailed Deer Hunting by Use of Bow and Arrow; 17 Ill. Adm. Code 670
-First Published: 14 Ill. Reg. 4372 - 3-23-90
-Objection Date: 8-21-90
-Response: Agreement

State Board of Education

60. Raffles Conducted by Political Committees; 26 Ill. Adm. Code 210
-First Published: 14 Ill. Reg. 6907 - 5-4-90
-Objection Date: 6-5-90
-Response: Refusal

Department of Labor

61. Nurse Agency Licensing Act; 68 Ill. Adm. Code 690
-First Published: 14 Ill. Reg. 1107 - 1-19-90
-Objection Date: 6-5-90
-Response: Agreement to Seek Legislation

Department of Mental Health and Developmental Disabilities

62. Standards and Licensure Requirements for Community-Integrated Living Arrangements; 59 Ill. Adm. Code 115
-First Published: 13 Ill. Reg. 15183 - 9-29-89
-Objection Date: 6-5-90
-Response: Agreement

JOINT COMMITTEE ON ADMINISTRATIVE RULES

AGENDA

Department of Public Aid

63. Hospital Services; 89 Ill. Adm. Code 148
 -First Published: 14 Ill. Reg. 5409 - 4-13-90
 -Objection Date: 8-21-90
 -Response: Refusal
64. Reimbursement for Nursing Costs for Geriatric Facilities; 89 Ill. Adm. Code 147
 -First Published: 14 Ill. Reg. 9523 - 6-15-90
 -Objection Date: 7-26-90
 -Response: Refusal

VI. Exempt Rulemakings

Pollution Control Board

65. Standards for Owners and Operators of Hazardous Waste Treatment, Storage and Disposal Facilities; 35 Ill. Adm. Code 724
 -Proposed Date: May 4, 1990
 -Adopted Date: 8-22-90

66. RCRA Permit Program; 35 Ill. Adm. Code 703
 -Proposed Date: May 4, 1990
 -Adopted Date: 8-22-90

67. Interim Status Standards for Owners and Operators or Hazardous Waste Treatment, Storage and Disposal Facilities; 35 Ill. Adm. Code 725
 -Proposed Date: May 4, 1990
 -Adopted Date: 8-22-90

68. Land Disposal Restrictions; 35 Ill. Adm. Code 728
 -Proposed Date: May 4, 1990
 -Adopted Date: 8-22-90

69. Identification and Listing of Hazardous Waste; 35 Ill. Adm. Code 721
 -Proposed Date: May 4, 1990
 -Adopted Date: 8-22-90

70. Standards for the Management of Specific Hazardous Waste and Specific Types of Hazardous Waste Management Facilities; 35 Ill. Adm. Code 726
 -Proposed Date: 5-4-90
 -Adopted Date: 8-22-90

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

SECOND NOTICES RECEIVED

The following second notices were received by the Joint Committee on Administrative Rules during the period of September 17, 1990 through September 21, 1990, and have been scheduled for review by the Committee at its October 11, 1990 meeting. Other items not contained in this published list may also be considered by the Joint Committee at its October meeting. Members of the public wishing to express their views with respect to a proposed rule should submit written comments to the Joint Committee at the following address: Joint Committee on Administrative Rules, 509 South Sixth Street, Room 500, Springfield, IL 62701.

Second Notice Expires	Agency and Rule	Start of First Notice	Scheduled for Consideration by JCAR
11/1/90	Department of Public Aid, Child Support Enforcement (89 Ill. Adm. Code 160.60 - 160.65)	7/27/90 14 Ill. Reg. 12148	October 11, 1990
11/1/90	Department of Public Aid, Rules of Practice in Administrative Hearings (89 Ill. Adm. Code 104)	7/27/90 14 Ill. Reg. 12204	October 11, 1990
11/1/90	Department of Public Aid, Child Support Enforcement (89 Ill. Adm. Code 160.5 - 160.138)	7/27/90 14 Ill. Reg. 12148	October 11, 1990
11/1/90	Department of Employment Security, Determination of Unemployment Contributions (56 Ill. Adm. Code 2770)	8/3/90 14 Ill. Reg. 12364	October 11, 1990
11/1/90	Illinois Consortium for Educational Opportunity, Illinois Consortium for Educational Opportunity Program (23 Ill. Adm. Code 2400)	8/3/90 14 Ill. Reg. 12357	October 11, 1990
11/2/90	Department of Corrections, Records of Committed Persons (20 Ill. Adm. Code 107)	7/27/90 14 Ill. Reg. 12125	October 11, 1990
11/5/90	Department of Insurance, Minimum Standards for Individual and Group Medicare Supplement Insurance (50 Ill. Adm. Code 2008)	6/29/90 14 Ill. Reg. 10247	October 11, 1990

JOINT COMMITTEE ON ADMINISTRATIVE RULES
ILLINOIS GENERAL ASSEMBLY

SECOND NOTICES RECEIVED
(page 2)

Second Notice Expires	Agency and Rule	Start of First Notice	Scheduled for Consideration by JCAR
11/5/90	Pollution Control Board, Effluent Standards (35 Ill. Adm. Code 304)	7/13/90 14 Ill. Reg. 11093	October 11, 1990
11/5/90	State Board of Education, Program Accounting Manual (23 Ill. Adm. Code 110)	6/1/90 14 Ill. Reg. 8319	October 11, 1990
11/5/90	State Board of Education, Reading Improvement Program (23 Ill. Adm. Code 260)	6/1/90 14 Ill. Reg. 8424	October 11, 1990
11/5/90	State Board of Education, Educational Service Centers (23 Ill. Adm. Code 500)	6/1/90 14 Ill. Reg. 8307	October 11, 1990
11/5/90	Department of Public Health, Testing of Breath, Blood and Urine for Alcohol and/or Other Drugs (77 Ill. Adm. Code 510)	7/13/90 14 Ill. Reg. 11119	October 11, 1990
11/5/90	Department of Alcoholism and Substance Abuse, Licensure of Alcoholism and Substance Abuse Treatment, Intervention and Research Programs (77 Ill. Adm. Code 2058)	5/4/90 14 Ill. Reg. 6457	October 11, 1990

PROCLAMATION

90-436
CHILD HEALTH DAY
Revised

Whereas, today's teenagers will be our nation's work force in the year 2000. They will be our technicians, inventors, corporate managers, parents and teachers of the next generation of Americans, soldiers and diplomats, taxpayers, and voters who will be responsible for keeping our country on a progressive, peaceful course into the 21st Century; and

Whereas, teenagers face a number of challenges such as separating from parental supervision, taking on adult responsibilities, establishing new relationships, testing limits, and seeking independence; and

Whereas, our nation's future will be in our teenagers' hands in the next century, just as their future is in our hands now, and it is imperative that we provide today's youth with opportunities and encouragement to develop their minds and bodies to full potential; and

Whereas, we need to forge a partnership of all those for whom healthy adolescence is a commitment--parents, schools, the health care system, the community, business and industry, government at all levels, and the young people themselves, so together we can help adolescents in the transition to adulthood; Therefore, I, James R. Thompson, Governor of the State of Illinois, proclaim October 1, 1990, as CHILD HEALTH DAY in Illinois.

Issued by the Governor September 18, 1990.
Filed with the Secretary of State September 24, 1990.

90-450
HISPANIC STATE EMPLOYMENT DAY

Whereas, Hispanics represent 19.4 million or 8.1 percent of the U.S. population and by the year 2010, will be the largest minority group in the United States; and

Whereas, according to the Bureau of the Census, Illinois ranks among the top 10 states with sizeable Hispanic populations; and

Whereas, cities such as Joliet, Aurora, Chicago Heights, West Chicago, Elgin, Rockford, Sterling, Moline, Waukegan, and Chicago have experienced significant increases of language minority groups, the largest percentage of which are Hispanics; and

Whereas, state government is committed to providing services to the Hispanic population in the areas of education, housing, health, business, employment, and training opportunities; and Whereas, the Illinois Association of Hispanic State Employees, with the assistance of the Illinois Department of

Central Management Services, will host the "Third Annual Conference on Hispanic State Employment" at the McCormick Center Hotel September 27, 1990; and

Whereas, one of the goals of the association and the annual conference is to address the need for increasing state employment opportunities for Hispanics. More than 600 Hispanics employed at all levels of state government are expected to participate in training and professional development programs; Therefore, I, James R. Thompson, Governor of the State of Illinois, proclaim September 27, 1990, as HISPANIC STATE EMPLOYMENT DAY in Illinois in recognition of the contributions of Hispanic employees to the vitality and growth of our state. Issued by the Governor September 17, 1990.

Filed with the Secretary of State September 24, 1990.

90-451

ALZHEIMER'S ASSOCIATION CONGRATULATED

Whereas, the Alzheimer's Association supports research for the cause, prevention, treatment, and cure of Alzheimer's disease and promotes education and increased awareness for the public and health care professionals; and

Whereas, the Alzheimer's Association has formed 210 chapters for a nationwide family-support network and has been instrumental in implementing programs at the local level; and Whereas, the association has worked with Alzheimer's patients and their families worldwide to help make victims' lives achievements rather than tragedies;

Therefore, I, James R. Thompson, Governor of the State of Illinois, congratulate the ALZHEIMER'S ASSOCIATION on its 10th year of dedicated service to Alzheimer's victims and their families in our state and our world.

Issued by the Governor September 18, 1990.

Filed with the Secretary of State September 24, 1990.

90-452

DISABILITY EMPLOYMENT AWARENESS MONTH

Whereas, Illinois needs the contributions of all its citizens in order to meet the social and economic challenges it faces; and

Whereas, all people should have the opportunity to work at their highest level of capability; and

Whereas, experience has proven that people with disabilities are highly motivated, reliable, and conscientious employees with excellent work histories; and

Whereas, Illinois has been a leader in upholding our Constitution's Bill of Rights which forbids employers to discriminate in hiring and promoting any qualified person with a disability; and

Whereas, employers are to be commended for their receptiveness in providing job opportunities for this untapped resource, and workers with disabilities themselves deserve recognition for rising above their limitations;

Therefore, I, James R. Thompson, Governor of the State of Illinois, proclaim October 1990 DISABILITY EMPLOYMENT AWARENESS MONTH in Illinois in recognition and support of the right of all citizens to the rewards of independence and productivity in our society.

Issued by the Governor September 18, 1990.

Filed with the Secretary of State September 24, 1990.

90-453

FUTURES AND OPTIONS WEEK

Whereas, 75 percent of all futures and futures options transactions occur in Chicago, making the nation's third-largest city the international capital of the futures and options industry; and

Whereas, businesses from virtually every sector of the global economy use the futures and options markets routinely to calibrate their exposure to risks ranging from adverse weather to widely fluctuating currencies and volatile interest rates; and

Whereas, Chicago's futures and options exchanges have been pivotal in creating tens of thousands of new jobs and helping to preserve many others in the Chicago metropolitan area; and

Whereas, Chicago's futures and options exchanges have been instrumental in attracting both investment capital and new businesses to Illinois from all parts of the world; and

Whereas, the Futures Industry Association will hold its annual exposition, "Futures and Options Expo '90," in Chicago during the week of October 7, 1990;

Therefore, I, James R. Thompson, Governor of the State of Illinois, proclaim October 7-13, 1990, as FUTURES AND OPTIONS WEEK in Illinois.

Issued by the Governor September 20, 1990.

Filed with the Secretary of State September 24, 1990.

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

VOL. 14, ISSUE #40

OCTOBER 5, 1990

COMMERCE AND COMMUNITY AFFAIRS, DEPARTMENT OF (CONT'D)

- 47 Ill. Adm. Code 110 State Administration for the Federal Community Development Block Grant Program for Small Cities (P-10985)
- 47 Ill. Adm. Code 120 State Administration of the Federal Community Services Block Grant Program (P-5296; A-13970)
- 14 Ill. Adm. Code 545 Technology Advancement & Development Act Program (P-19336/89; A-9016)
- 14 Ill. Adm. Code 540 Technology Commercialization Grant-In-Aid Program (P-11022)
- 56 Ill. Adm. Code 2610 Training Services for the Disadvantaged (P-5017/89; A-1976) (P-13074) (P-16117)
- 56 Ill. Adm. Code 2630 Uniform, Fiscal & Administrative Standards for the Job Training Partnership Act (P-5310; A-13984) (P-7312)

COMMERCE COMMISSION, ILLINOIS

- 92 Ill. Adm. Code 1207 Agents for Service of Process (P-15150/89; A-3033)
- 92 Ill. Adm. Code 1307 Carrier Identification (P-15154/89; A-13138)
- 83 Ill. Adm. Code 760 Cellular Radio Exclusion (P-13358/89; A-3037) (P-9631)
- 83 Ill. Adm. Code 281 Energy Assistance (PR-4312; AR-11188)
- 92 Ill. Adm. Code 1415 Freight Bills & Bills of Lading or Other Forms (P-19339/89; A-8583)
- 83 Ill. Adm. Code 900 Joint Rules of the Ill. Commerce Commission & the Dept. of Energy & Natural Resources: Residential Conservation Plan (PR-12680/89; AR-624)
- 92 Ill. Adm. Code 1300 Minimum Rate (PR-14147/89; AR-3040)
- 83 Ill. Adm. Code 590 Minimum Safety Standards for Transportation of Gas & for Gas Pipeline Facilities (P-19344/89; A-10018)
- 83 Ill. Adm. Code 445 Purchase & Sale of Electric Energy from Qualified Solid Waste Energy Facilities (P-13129/89; A-626)
- 92 Ill. Adm. Code 1710 Relocation Towing (P-2721; A-10310)
- 83 Ill. Adm. Code 220 Reports of Accidents by Fixed Public Utilities Other than Pipelines Transporting Liquids (G. O. 43) (P-15653)
- 83 Ill. Adm. Code 780 Right-of-Way Precondemnation Negotiations by Telephone Companies (P-13100)
- 83 Ill. Adm. Code 285 Standard Filing Requirements for Electric, Gas, Water & Sewer Utilities & Telecommunications Carriers in Filing for an Increase in Rates (P-5229/89; A-6000)
- 83 Ill. Adm. Code 410 Standards of Service for Electric Utilities (P-16211/89; A-3454)
- 83 Ill. Adm. Code 500 Standards of Service for Gas Utilities (P-16219/89; A-3463)
- 83 Ill. Adm. Code 755 Telecommunications Access for the Deaf (P-15157/89; A-3042)
- 83 Ill. Adm. Code 757 Telephone Assistance Program (P-2731)
- 92 Ill. Adm. Code 1270 Transfers of Licenses (P-16170)
- 83 Ill. Adm. Code 505 Uniform System of Accounts for Gas Utilities (P-13361/89; A-1605)
- 83 Ill. Adm. Code 710 Uniform System of Accounts for Telecommunications Carriers (P-1552; A-100721)

COMMUNITY COLLEGE BOARD, ILLINOIS

- 23 Ill. Adm. Code 1501 Administration of the Ill. Public Community College Act (P-14; A-11771) (E-299) (P-3308; A-13997) (P-16869/89; A-4126) (P-18025/89; A-10762)
- 2 Ill. Adm. Code 5176 Public Access to Information (A-14387)

COMPTROLLER

- 2 Ill. Adm. Code 625 Access to Information (A-186)
- 74 Ill. Adm. Code 290 Contract Content (P-18649/89; A-5757)

CONSERVATION, DEPARTMENT OF

- 17 Ill. Adm. Code 870 Aquaculture, Transportation, Stocking, Importation & for Possession of Aquatic Life (P-3717; A-11190)
- 17 Ill. Adm. Code 130 Camping on Dept. of Conservation Properties (P-4340; A-12402)
- 17 Ill. Adm. Code 530 Cock Pheasant, Hungarian Partridge, Bobwhite Quail, Rabbit & Crow Hunting (P-3720; A-10775)
- 17 Ill. Adm. Code 1075 Consultation Procedures for Assessing Impacts of Agency Actions on Endangered & Threatened Species (P-11033; C-13366)
- 17 Ill. Adm. Code 750 Disposition of Deer Accidentally Killed by a Motor Vehicle or Other Non-Hunting Methods (P-4985; A-13519)

CI - 3

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

VOL. 14, ISSUE #40

OCTOBER 5, 1990

CONSERVATION, DEPARTMENT OF (CONT'D)

- 17 Ill. Adm. Code 950 Dog Training on Department-Owned or Managed Sites (P-4990; A-13524)
- 17 Ill. Adm. Code 730 Dove Hunting (P-3743; A-11193)
- 17 Ill. Adm. Code 590 Duck, Goose & Coot Hunting (P-15509/89; A-638) (P-4996; A-13529)
- 17 Ill. Adm. Code 1590 Falconry & the Captive Propagation of Raptors (P-17174/89; A-6088) (P-16174)
- 17 Ill. Adm. Code 1537 Forest Management Plan (P-8273)
- 17 Ill. Adm. Code 1530 Forest Products Transportation Act, The (P-11047)
- 17 Ill. Adm. Code 1536 Forestry Development Cost Share Program (P-8289)
- 17 Ill. Adm. Code 510 General Hunting & Trapping on Dept.-Owned or -Managed Sites (P-3757; A-14762)
- 17 Ill. Adm. Code 745 Hunting Season for Game Breeding & Hunting Preserve Areas (P-4351; A-14771) (PR-5647; AR-14769)
- 17 Ill. Adm. Code 3040 Ill. Bicycle Path Grant Program (P-442; RC-5896; A-6106)
- 17 Ill. Adm. Code 1050 Ill. List of Endangered & Threatened Flora (P-455; A-6123)
- 17 Ill. Adm. Code 3030 Land & Water Conservation Fund Grant Program (P-478; A-6149)
- 17 Ill. Adm. Code 570 Muskrat, Mink, Raccoon, Opossum, Striped Skunk, Weasel, Red Fox, Gray Fox, Coyote, Beaver & Woodchuck (Groundhog) Trapping (P-3764; A-14775) (P-13108)
- 17 Ill. Adm. Code 220 North Point Marina (P-16182)
- 17 Ill. Adm. Code 1070 Possession of Specimens or Products of Endangered & Threatened Species (P-11052)
- 17 Ill. Adm. Code 550 Raccoon, Opossum, Striped Skunk, Red Fox, Gray Fox, Coyote & Woodchuck (Groundhog) Hunting (P-3776; A-10798)
- 17 Ill. Adm. Code 210 Rental of Boats & Boating Facilities (P-16892/89; A-2013)
- 17 Ill. Adm. Code 520 Scientific Permits (P-3789; A-10811)
- 17 Ill. Adm. Code 810 Sport Fishing Regs. for the Waters of Ill. (P-491; A-6164) (P-2419; A-8588) (E-6865) (P-9634)
- 17 Ill. Adm. Code 690 Squirrel Hunting (P-3794; A-10816)
- 17 Ill. Adm. Code 720 Taking of Wild Turkeys - Fall Archery Season, The (P-4355; A-12413)
- 17 Ill. Adm. Code 715 Taking of Wild Turkeys - Fall Gun Season, The (P-4363; A-12421)
- 17 Ill. Adm. Code 710 Taking of Wild Turkeys - Spring Season, The (P-15534/89; A-663)
- 17 Ill. Adm. Code 670 White-Tailed Deer Hunting by Use of Bow & Arrow (P-4372; A-14787) (P-11437)
- 17 Ill. Adm. Code 650 White-Tailed Deer Hunting by Use of Firearms (P-4385; A-12430) (P-13113)
- 17 Ill. Adm. Code 740 Woodcock, Snipe, Rail & Teal Hunting (P-3802; A-11207)

CORRECTIONS, DEPARTMENT OF

- 20 Ill. Adm. Code 701 County Jail Standards (P-9684)
- 20 Ill. Adm. Code 415 Health Care (E-13316) (P-15228)
- 20 Ill. Adm. Code 720 Municipal Jail & Lockup Standards (P-9694)
- 20 Ill. Adm. Code 535 Personal Property (P-18040/89; A-6765)
- 20 Ill. Adm. Code 107 Records of Committed Persons (P-12125) (E-12273; O-15623; M-15600)
- 20 Ill. Adm. Code 525 Rights & Privileges (P-18052/89; A-5114) (P-12345)

CRIMINAL JUSTICE INFORMATION AUTHORITY, ILLINOIS

- 20 Ill. Adm. Code 1560 Operating Procedures for the Administration of Non-Federal Grant Funds (P-8300)

EDUCATION, BOARD OF

- 23 Ill. Adm. Code 1037 Capital Improvement Grants to Nonpublic Institutions of Higher Learning for Laboratory Research & Instructional Area Renovation (P-16227/89; A-4508)
- 23 Ill. Adm. Code 1036 Capital Improvement Grants to Nonpublic Institutions of Higher Learning for Science & Technology (P-16234/89; A-5118)
- 23 Ill. Adm. Code 1025 Engineering Grant Program (P-14516/89; A-2015)
- 23 Ill. Adm. Code 1020 Health Services Education Grants Act (P-14521/89; A-2020)
- 23 Ill. Adm. Code 1010 Higher Education Cooperation Act (E-20390/89; O-3275; R-4271) (P-20203/89; A-7497)
- 23 Ill. Adm. Code 1000 Ill. Financial Assistance Act for Nonpublic Institutions of Higher Learning (P-14531/89; A-2030)

EDUCATION, STATE BOARD OF

- 23 Ill. Adm. Code 25 Certification (P-8756/89; A-1243) (P-3331)
- 23 Ill. Adm. Code 250 Comprehensive Arts Program (P-11447)

CI - 4

EDUCATION, STATE BOARD OF (CONT'D)

- 23 Ill. Adm. Code 253 Comprehensive Health Education (P-1645; A-12452)
 23 Ill. Adm. Code 202 Disadvantaged Students Funds Plan -- Districts Over 50,000 ADA (P-13369/89; A-3472) (P-13367/89; AR-3487)
 23 Ill. Adm. Code 500 Educational Service Centers (P-8307)
 23 Ill. Adm. Code 50 Evaluation of Certified School District Employees in Contractual Continued Service (P-18979/89; A-7503)
 23 Ill. Adm. Code 210 Learning Assessment & School Improvement Plans (P-8766/89; O-18943/89; R-1534; A-1254)
 23 Ill. Adm. Code 451 Private Business & Vocational Schools (P-9133/89; O-4741; RC-4747; M-7662; A-7518) (P-9082/89; A-7593)
 23 Ill. Adm. Code 110 Program Accounting Manual (P-8319)
 23 Ill. Adm. Code 1 Public Schools Evaluation, Recognition & Supervision (P-1650; A-12457) (P-4931)
 23 Ill. Adm. Code 275 Pupil Transportation (P-5921) (E-6411)
 23 Ill. Adm. Code 260 Reading Improvement Program (P-8424)
 23 Ill. Adm. Code 226 Special Education (P-11068) (E-11364; O-15625)
 23 Ill. Adm. Code 205 Truants' Alternative & Optional Education Programs (P-18991/89; O-5899; R-10593; A-10320)

EDUCATIONAL OPPORTUNITY, ILLINOIS CONSORTIUM FOR

- 23 Ill. Adm. Code 2400 Ill. Consortium for Educational Opportunity Program (P-1703; A-12262) (P-17357)

ELECTIONS, STATE BOARD OF

- 26 Ill. Adm. Code 100 Campaign Financing Act, The (P-14539/89; A-10824)
 26 Ill. Adm. Code 125 Practice & Procedure (P-14556/89; A-10832)
 26 Ill. Adm. Code 210 Raffles Conducted by Political Committees (P-3814) (E-6907; O-10162)

EMPLOYMENT SECURITY, DEPARTMENT OF

- 56 Ill. Adm. Code 2725 Administrative Hearings & Appeals (P-19841/89; A-5126)
 56 Ill. Adm. Code 2865 Claimant's Active Search for Work (P-10215)
 56 Ill. Adm. Code 2770 Claims, Adjudication, Appeals & Hearings (P-7686; A-15334) (P-10237)
 56 Ill. Adm. Code 2770 Determination of Unemployment Contributions (P-15543/89; A-2038) (P-12364) (P-15659)
 56 Ill. Adm. Code 2920 Disqualifying Income & Reduced Benefits (P-13905)
 56 Ill. Adm. Code 2732 Employment (P-12748/89; O-20398/89; R-1049; A-673)
 56 Ill. Adm. Code 2830 Payment of Benefits (P-2423; A-9101)
 56 Ill. Adm. Code 2765 Payment of Unemployment Contributions, Interest & Penalties (P-1101; A-6218) (P-13118) (P-13910)

ENERGY AND NATURAL RESOURCES, DEPARTMENT OF

- 83 Ill. Adm. Code 1000 Joint Rules of the Ill. Commerce Commission & the Dept. of Energy & Natural Resources: Residential Conservation Plan (PR-12756/89; AR-681)

ENVIRONMENTAL PROTECTION AGENCY

- 35 Ill. Adm. Code 691 Annual Testing Fees for Analytical Services (P-15164/89; A-2045)
 35 Ill. Adm. Code 174 Delegation of Construction & Operating Permit Authority for Sanitary & Combined Sewers & Water Main Extensions (P-16242/89; A-4891)
 35 Ill. Adm. Code 661 General Conditions of Grants for the Financing & Construction of Public Water Supply Facilities (P-1738/89; A-2055)
 35 Ill. Adm. Code 871 General Conditions of State of Ill. Grants for Nonhazardous Solid Waste Planning & Enforcement (P-8429)
 35 Ill. Adm. Code 183 Joint Rules of the Environmental Protection Agency & the Dept. of Public Health: Certification & Operation of Environmental Laboratories (P-7561/89; A-8192)
 35 Ill. Adm. Code 690 Permit Fees for Installing or Extending Water Main (P-15174/89; A-2070)
 35 Ill. Adm. Code 366 Procedures & Requirements for Determining Loan Priorities for Municipal Wastewater Treatment Works Needs (P-19850/89; A-8121)
 35 Ill. Adm. Code 870 Procedures for Issuing Solid Waste Planning & Enforcement Grants (P-8809; O-15603; RC-15607) (P-15667)

ENVIRONMENTAL PROTECTION AGENCY (CONT'D)

- 35 Ill. Adm. Code 858 Procedures for Operation of the Non-Hazardous Solid Waste Fee System (P-8444)
 35 Ill. Adm. Code 860 State Remedial Action Priorities List (P-16252/89; A-5776)
 35 Ill. Adm. Code 181 Toxic Pollution Prevention Innovation Plans (P-6520; A-14392)
 35 Ill. Adm. Code 861 Used & Waste Tires Removal Priority List (P-8822)

FINANCIAL INSTITUTIONS, DEPARTMENT OF

- 38 Ill. Adm. Code 195 Ill. Development Credit Corporation Act (P-1558; A-9110)
 50 Ill. Adm. Code 8100 Title Insurance Act (P-16; C-1051; O-8209; RC-8219; M-8205; A-8600; F-13031) (E-305)

FIRE MARSHAL, OFFICE OF THE STATE

- 41 Ill. Adm. Code 250 Fire Equipment Distributor & Employee Standards (P-5322)
 41 Ill. Adm. Code 251 Fire Equipment Distributor & Employee Licenses (CC-8739)
 41 Ill. Adm. Code 251 Fire Equipment Distributor & Employee Standards (E-8194; O-15631)
 41 Ill. Adm. Code 100 Fire Prevention & Safety (RC-3277)
 41 Ill. Adm. Code 140 Policy & Procedures Manual for Fire Protection Personnel (P-4781)
 41 Ill. Adm. Code 170 Storage, Transportation, Sale & Use of Petroleum & Other Regulated Substances (P-63; A-5781) (P-12373)

GUARDIANSHIP AND ADVOCACY COMMISSION

- 59 Ill. Adm. Code 301 Fee Schedule for the Office of the State Guardian (P-1708)

HEALTH CARE COST CONTAINMENT COUNCIL, ILLINOIS

- 77 Ill. Adm. Code 2510 Data Collection (P-8198/89; A-2078)

HEARING AID CONSUMER PROTECTION BOARD

- 77 Ill. Adm. Code 3000 Hearing Aid Consumer Protection Continuing Education Requirements (P-19035/89; A-10337)

HOUSING DEVELOPMENT AUTHORITY, ILLINOIS

- 47 Ill. Adm. Code 360 Affordable Housing Program (P-1726; A-9117) (E-2094)
 47 Ill. Adm. Code 350 Low-Income Housing Tax Credit Allocation (PR-5651; AR-14019) (P-5653; A-14021) (E-5817) (P-5827)
 47 Ill. Adm. Code 310 Multifamily Rental Housing Mortgage Loan Program (P-13371/89; A-683)

ILLINOIS, BOARD OF TRUSTEES OF THE UNIVERSITY OF

- 89 Ill. Adm. Code 1200 Program Content & Guidelines for Division of Services for Crippled Children (P-19885/89; A-5136)

INDUSTRIAL COMMISSION, ILLINOIS

- 50 Ill. Adm. Code 7030 Arbitration (E-4913) (P-5655; A-13141)
 50 Ill. Adm. Code 7100 Insurance Regs. (E-4920) (P-5662; A-13149)
 50 Ill. Adm. Code 7110 Miscellaneous (E-4929) (P-5671; A-13161)
 50 Ill. Adm. Code 7040 Review (E-4940) (P-5682; A-13173)

INSURANCE, DEPARTMENT OF

- 50 Ill. Adm. Code 938 Accident & Health Risk Ratio Notice (P-17592/89; A-3489)
 50 Ill. Adm. Code 2010 Advertisements of Medicare Supplement Insurance (P-8828)
 50 Ill. Adm. Code 909 Advertising & Sales Promotion of Life Insurance & Annuities (P-2744; A-13514)
 50 Ill. Adm. Code 1405 Construction & Filing of Life Insurance & Annuity Forms (P-17604/89; W-4971)
 50 Ill. Adm. Code 907 Exempt Sale of Insurance Company Shares (P-8451)
 50 Ill. Adm. Code 2013 Group Coverage Discontinuance & Replacement (P-1729)
 50 Ill. Adm. Code 3118 Licensing of Public Adjusters (P-8454)
 50 Ill. Adm. Code 930 Life Insurance Solicitation (P-2754; A-13594)
 50 Ill. Adm. Code 2012 Long-Term Care Insurance (P-9181/89; A-10345)
 50 Ill. Adm. Code 2007 Minimum Standards of Individual Accident & Health Insurance (P-14229)

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

VOL. 14, ISSUE #40

INSURANCE, DEPARTMENT OF (CONT'D)

- 50 Ill. Adm. Code 2008 Minimum Standards for Individual & Group Medicare Supplement Insurance (P-17615/89; W-2410) (P-10247)
- 50 Ill. Adm. Code 2005 Pre-Existing Illness (P-11071)
- 50 Ill. Adm. Code 3119 Predisposing & Continuing Education (P-12127)
- 50 Ill. Adm. Code 3113 Premium Fund Trust Account (P-12935/89; A-2088)
- 50 Ill. Adm. Code 754 Rules & Rate Filings (P-19013/89; A-5793) (P-15238)
- 50 Ill. Adm. Code 2011 Transitional Requirements for the Conversion of Medicare Supplement Insurance Benefits & Premiums to Conform to Medicare Program Revisions (P-11075)

LABOR, DEPARTMENT OF

- 56 Ill. Adm. Code 350 Health & Safety (P-3345) (P-5839/89; O-4750; W-4740)
- 68 Ill. Adm. Code 690 Nurse Agency Licensing Act (P-1107; RC-10123; A-12516)
- 56 Ill. Adm. Code 100 Prevailing Wage Hearing Procedures (P-536; O-10126; M-13866; A-13608) (E-1026)

LABOR RELATIONS BOARD, ILLINOIS EDUCATIONAL

- 80 Ill. Adm. Code 1125 Fair Share Fee Objections (P-15182/89; A-2873)
- 2 Ill. Adm. Code 2676 Freedom of Information (A-4151)
- 80 Ill. Adm. Code 1100 General Procedures (P-1327/89; A-1270)
- 80 Ill. Adm. Code 1105 Hearing Procedures (P-1335/89; A-1278)
- 2 Ill. Adm. Code 2675 Public Information, Rulemaking, Organization & Personnel (A-4158)
- 80 Ill. Adm. Code 1110 Representation Procedures (P-1357/89; A-1297)
- 80 Ill. Adm. Code 1120 Unfair Labor Practice Proceedings (P-1381/89; A-1322)

LABOR RELATIONS BOARD, ILLINOIS STATE/LABOR RELATIONS BOARD, ILLINOIS LOCAL

- 80 Ill. Adm. Code 1200 General Procedures (P-7693)
- 80 Ill. Adm. Code 1230 Impasse Resolution (P-7700)
- 80 Ill. Adm. Code 1210 Representation Proceedings (P-7726)
- 80 Ill. Adm. Code 1220 Unfair Labor Practice Proceedings (P-7756)

LEGISLATIVE INFORMATION SYSTEM

- 2 Ill. Adm. Code 150 Access to Legislative Information System Information (A-3049)
- 3 Ill. Adm. Code 600 Access to Legislative Information System Information (P-3349; A-12531)

LOCAL GOVERNMENTAL LAW ENFORCEMENT OFFICERS TRAINING BOARD, ILLINOIS

- 20 Ill. Adm. Code 1760 Coroners Basic Training (P-13997/89; A-10027)
- 20 Ill. Adm. Code 1720 Ill. Police Training Act (P-5378; A-14800) (P-16198)
- 20 Ill. Adm. Code 1720 Minimum Requirements of the Trainee (P-5378)

MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES, DEPARTMENT OF

- 59 Ill. Adm. Code 102 Dept. Facilities & Grounds (P-2432)
- 59 Ill. Adm. Code 117 Family Assistance & Home-Based Support Programs for Persons with Mental Disabilities (P-14671) (E-14987)
- 2 Ill. Adm. Code 1026 Freedom of Information (A-14032)
- 59 Ill. Adm. Code 119 Minimum Standards for Certification of Developmental Training Programs (P-3356; RC-16074)
- 59 Ill. Adm. Code 119 Minimum Standards for Licensure, Certification, or Approval of Programs Serving Persons with Developmental Disabilities or Mental Illness (P-13377/89; W-3696)
- 59 Ill. Adm. Code 106 Services Charges (P-14674)
- 59 Ill. Adm. Code 115 Standards & Licensure Requirements for Community-Integrated Living Arrangements (P-15183/89; RC-10128; A-10865)

MINES AND MINERALS, DEPARTMENT OF

- 62 Ill. Adm. Code 240 An Act in Relation to Oil, Gas & Other Surface & Underground Resources (P-15226/89; A-2317) (A-3053) (P-3394)
- 62 Ill. Adm. Code 200 An Act Relating to the Manufacture, Possession, Storage, Transportation, Use, Sale, or Gift of Explosives (PR-18056/89; AR-3501)

CI - 7

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

VOL. 14, ISSUE #40

MINES AND MINERALS, DEPARTMENT OF (CONT'D)

- 62 Ill. Adm. Code 1761 Areas Designated by Act of Congress (P-12197/89; A-11777)
- 62 Ill. Adm. Code 1800 Bonding & Insurance Requirements for Surface Coal Mining & Reclamation Operations (P-12205/89; A-11785)
- 62 Ill. Adm. Code 1700 General (P-12217/89; A-11795)
- 62 Ill. Adm. Code 1701 General Definitions (P-12222/89; A-11800)
- 62 Ill. Adm. Code 200 III. Explosives Act, The (P-18061/89; A-3503)
- 62 Ill. Adm. Code 240 III. Oil & Gas Act, The (P-10288; C-11410) (P-3394; A-13620) (P-16205)
- 62 Ill. Adm. Code 1846 Individual Civil Penalties (P-12248/89; A-11825)
- 62 Ill. Adm. Code 1816 Permanent Program Performance Standards--Surface Mining Activities (P-12233/89; A-11830)
- 62 Ill. Adm. Code 1817 Permanent Program Performance Standards--Underground Mining Operations (P-12280/89; A-11855)
- 62 Ill. Adm. Code 1778 Permit Applications--Minimum Requirements for Legal, Financial, Compliance, and Related Information (P-12303/89; A-11873)
- 62 Ill. Adm. Code 1772 Requirements for Coal Exploration (P-12311/89; A-11880)
- 62 Ill. Adm. Code 1773 Requirements for Permits & Processing (P-12317/89; A-11886)
- 62 Ill. Adm. Code 1774 Revision; Renewal; & Transfer, Assignment, or Sale of Permit Rights (P-12234/89; A-11900)
- 62 Ill. Adm. Code 1843 State Enforcement (P-12341/89; A-11906)
- 62 Ill. Adm. Code 220 Surface Installation Health and Safety (P-14277)
- 62 Ill. Adm. Code 300 Surface-Mined Land Conservation & Reclamation Act (P-18103/89; A-3548)
- 62 Ill. Adm. Code 1780 Surface Mining Permit Application--Minimum Requirements for Reclamation & Operation Plan (P-12352/89; A-11911)
- 62 Ill. Adm. Code 1779 Surface Mining Permit Applications--Minimum Requirements for Information on Environmental Resources (P-12347/89; A-11924)
- 62 Ill. Adm. Code 1783 Underground Mining Permit Applications--Minimum Requirements for Information on Environmental Resources (P-12366/89; A-11929)
- 62 Ill. Adm. Code 1784 Underground Mining Permit Applications--Minimum Requirements for Reclamation & Operation Plan (P-12371/89; A-11935)

NUCLEAR SAFETY, DEPARTMENT OF

- 32 Ill. Adm. Code 401 Accrediting Persons in the Practice of Medical Radiation Technology (P-1901/89; A-15341)
- 32 Ill. Adm. Code 331 Fees for Radioactive Material Licenses (P-15672)
- 32 Ill. Adm. Code 310 General Provisions (P-11450)
- 32 Ill. Adm. Code 330 Licensing of Radioactive Material (P-11471)
- 32 Ill. Adm. Code 332 Licensing Requirements for Source Material Milling Facilities (P-5874/89; A-333; O-2134; R-6437)
- 32 Ill. Adm. Code 501 Plan for the Reimbursement for Local Governments Under Provisions of the "Ill. Nuclear Safety Preparedness Act" (P-8865)
- 32 Ill. Adm. Code 410 Radiation Inspectors & Inspections (P-17184/89; A-13638)
- 32 Ill. Adm. Code 351 Radiation Safety Requirements for Wireline Service Operations & Subsurface Tracer Studies (P-15980/89; A-13633)
- 32 Ill. Adm. Code 320 Registration of Radioactive Materials, Radiation Machine, & Radiation Installations (P-17626/89; A-13644)
- 32 Ill. Adm. Code 335 Use of Radionuclides in the Healing Arts (P-11585)
- 32 Ill. Adm. Code 370 Use of Sealed Radioactive Sources in the Healing Arts (PR-11653)
- 32 Ill. Adm. Code 360 Use of X-Rays in the Healing Arts Including Medical, Dental, Podiatry, & Veterinary Medicine (P-6940)

POLLUTION CONTROL BOARD

- 35 Ill. Adm. Code 211 Definitions & General Provisions (P-2766) (P-8463) (P-16285/89; A-9141) (P-12697)
- 35 Ill. Adm. Code 304 Effluent Standards (P-2999) (P-9204/89; A-6777) (P-17633/89; A-9437) (P-9700) (P-11093) (P-20230/89; A-12538)
- 35 Ill. Adm. Code 241 Emission Standards for Motor Vehicles & Motor Vehicle Engines (P-6977)
- 35 Ill. Adm. Code 604 Finished Water & Raw Water (P-255/89; A-689) (P-18688/89; A-16435)

CI - 8

ILLINOIS REGISTER

VOL. 14, ISSUE #40

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

POLLUTION CONTROL BOARD (CONT'D)

- 35 Ill. Adm. Code 738 Hazardous Waste Injection Restrictions (P-18110/89; A-3059) (P-3823; A-11948)
- 35 Ill. Adm. Code 720 Hazardous Waste Management System: General (P-72; A-6225) (P-3006) (P-7638/89; A-3075) (P-9706; A-16450) (P-13925)
- 35 Ill. Adm. Code 106 Hearings Pursuant to Specific Rules (P-14634/89; A-9442)
- 35 Ill. Adm. Code 721 Identification & Listing of Hazardous Waste (P-6528; A-14401) (P-9729; A-10472) (P-13938)
- 35 Ill. Adm. Code 812 Information to be Submitted in a Permit Application (P-3834; A-15785)
- 35 Ill. Adm. Code 725 Interim Status Standards for Owners & Operators of Hazardous Waste Treatment, Storage and Disposal Facilities (P-6574; A-14447) (P-9754; A-16498)
- 35 Ill. Adm. Code 601 Introduction (P-14152/89; A-2879)
- 35 Ill. Adm. Code 301 Land Disposal Restrictions (P-79; A-6232) (P-6597; A-14470) (P-9764; A-16508)
- 35 Ill. Adm. Code 728 Management of Used & Waste Tires (P-7763)
- 35 Ill. Adm. Code 848 Monitoring & Reporting (P-14159/89; A-2888)
- 35 Ill. Adm. Code 305 Operation & Record Keeping (P-18683/89; A-16512)
- 35 Ill. Adm. Code 607 Organic Material Emission Standards & Limitations (P-2772) (P-15249/89; A-3555) (E-6421) (P-12384/89; A-7596) (P-8877) (P-16445/89; A-9173) (P-12701)
- 35 Ill. Adm. Code 215 Performance Criteria (P-13173/89; A-9449)
- 35 Ill. Adm. Code 306 Permits (P-2784)
- 35 Ill. Adm. Code 105 Permits (P-14164/89; A-2892)
- 35 Ill. Adm. Code 309 Pretreatment Programs (P-20240/89; A-7608)
- 35 Ill. Adm. Code 310 Primary Drinking Water Standards (P-16215) (P-18690/89; A-16517)
- 35 Ill. Adm. Code 811 Procedural Requirements for All Landfills Exempt From Permits (P-3872; A-15807)
- 35 Ill. Adm. Code 813 Procedural Requirements for Permitted Landfills (P-3882; A-15814)
- 35 Ill. Adm. Code 705 Procedures for Permit Issuance (P-17644/89; A-3082)
- 35 Ill. Adm. Code 702 RCRA & UIC Permit Programs (P-120; A-6273) (P-17651/89; A-3089)
- 35 Ill. Adm. Code 703 RCRA Permit Program (P-125; A-6278) (P-6619; A-14492)
- 35 Ill. Adm. Code 102 Regulatory & Informational Hearings & Proceedings (P-14696/89; O-5902; M-9256; A-9210) (P-11666)
- 35 Ill. Adm. Code 102 Regulatory & Other Nonadjudicative Hearings & Proceedings (PR-14727/89; AR-9244)
- 35 Ill. Adm. Code 606 Reporting & Public Notification ((PR-18816/89; AR-16640)
- 35 Ill. Adm. Code 605 Sampling & Monitoring (P-269/89; A-695) (P-18822/89; A-16642)
- 35 Ill. Adm. Code 307 Sewer Discharge Criteria (P-7530/89; A-3100) (P-20257/89; A-7620)
- 35 Ill. Adm. Code 807 Solid Waste (P-3902; A-15832)
- 35 Ill. Adm. Code 810 Solid Waste Disposal: General Provisions (P-3909; A-15838)
- 35 Ill. Adm. Code 808 Special Waste Classifications (P-13468/89; A-14043)
- 35 Ill. Adm. Code 809 Special Waste Hauling (P-13699/89; A-14076)
- 35 Ill. Adm. Code 722 Standards Applicable to Generators of Hazardous Waste (P-9768; A-16653)
- 35 Ill. Adm. Code 814 Standards for Existing Landfills & Units (P-3858; A-15850)
- 35 Ill. Adm. Code 811 Standards for New Solid Waste Landfills (P-3923; A-15861)
- 35 Ill. Adm. Code 724 Standards for Owners & Operators of Hazardous Waste Treatment, Storage & Disposal Facilities (P-6638; A-14511) (P-9773; A-16658)
- 35 Ill. Adm. Code 726 Standards for the Management of Specific Hazardous Waste & Specific Types of Hazardous Waste Management Facilities (P-6660; A-14533)
- 35 Ill. Adm. Code 214 Sulfur Limitations (P-11098)
- 35 Ill. Adm. Code 232 Toxic Air Contaminants (P-8905)
- 35 Ill. Adm. Code 704 UIC Permit Program (P-18125/89; A-3116)
- 35 Ill. Adm. Code 730 Underground Injection Control Operating Requirements (P-3014; A-11959) (P-18139/89; A-3130)
- 35 Ill. Adm. Code 731 Underground Storage Tanks (P-153; A-5797) (P-2791; A-9454) (P-4406; A-11964)
- 35 Ill. Adm. Code 302 Water Quality Standards (P-14172/89; O-2120; R-2960; A-2899) (P-20273/89; A-11974)
- 35 Ill. Adm. Code 303 Water Use Designations & Site Specific Water Quality Standards (P-17661/89; A-9460) (P-9784)

PROFESSIONAL REGULATION, DEPARTMENT OF

68 Ill. Adm. Code 1175 Barber, Cosmetology & Esthetics Act of 1985, The; (P-17190/89; A-14090)

ILLINOIS REGISTER

VOL. 14, ISSUE #40

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

PROFESSIONAL REGULATION, DEPARTMENT OF (CONT'D)

- 68 Ill. Adm. Code 1400 Clinical Psychologist Licensing Act (P-2913/89; O-4754; PF-4760; A-4515; WPF-12936; A-12735)
- 68 Ill. Adm. Code 1300 III. Nursing Act of 1987, The (P-14236/89; A-10035)
- 68 Ill. Adm. Code 1380 III. Professional Engineering Act (P-7346)
- 68 Ill. Adm. Code 1480 III. Structural Engineering Act, The (P-14291)
- 68 Ill. Adm. Code 1270 Land Surveyors Act (P-7378)
- 68 Ill. Adm. Code 1320 Optometric Practice Act of 1987 (P-2444; A-14128)
- 68 Ill. Adm. Code 1360 Podiatric Medical Practice Act of 1987 (P-14004/89; A-701)
- 68 Ill. Adm. Code 1240 Private Detective, Private Alarm & Private Security Act of 1983 (P-2456)
- 68 Ill. Adm. Code 1400 Psychologist Registration Act (P-2913/89; O-4754; PF-4760) (WPF-12936)
- PUBLIC AID, DEPARTMENT OF**
- 89 Ill. Adm. Code 130 Administration of Social Service Programs (P-1564; O-12946; RC-12948; R-14606; A-14537) (P-4049; A-13772)
- 89 Ill. Adm. Code 112 Aid to Families with Dependent Children (P-538; A-6306) (P-14741/89; A-7005) (P-1123; O-12951; O-12962; R-13867; A-13652) (P-2798; O-12966; R-14214; A-14140)
- 89 Ill. Adm. Code 113 Aid to the Aged, Blind or Disabled (P-163; A-6321) (P-14263/89; A-720) (P-2811; O-12980; R-14214; A-14140) (P-19117/89; A-6306) (P-9291) (P-9790)
- 89 Ill. Adm. Code 110 Application Process (P-7395; A-13198)
- 89 Ill. Adm. Code 160 Child Support Enforcement (P-12148) (P-13946)
- 89 Ill. Adm. Code 116 Crisis Assistance (P-10616)
- 89 Ill. Adm. Code 170 Demonstration Programs (P-13124)
- 89 Ill. Adm. Code 144 Developmental Disabilities Service (P-11999/89; A-4166) (A-7651)
- 89 Ill. Adm. Code 141 Drug Manual (P-2465; A-9464) (E-2657) (P-17665/89; A-3595) (P-20288/89; A-6339) (P-12202) (E-12278) (P-12714) (E-12910)
- 89 Ill. Adm. Code 121 Food Stamps (P-548; A-6349) (P-13503/89; A-729) (P-14756/89; A-729) (P-5935; A-13202) (P-7006; A-13202) (P-9317; O-16077) (P-15158)
- 89 Ill. Adm. Code 114 General Assistance (P-14764/89; A-746) (P-2821; O-12994; R-14218; A-14162) (P-16691/89; A-3640) (P-4070; A-10929) (P-5385; A-13777) (P-5713; O-13005; R-14218; A-14162) (P-5945; O-13008; R-14218; A-14162) (P-19146/89; A-6360) (P-7015; A-13215) (P-9815) (P-15712)
- 89 Ill. Adm. Code 148 Hospital Services (P-13729/89; A-2553) (P-5409; O-15614; RC-15618; R-15644; A-15358) (P-9331; O-16079) (P-9827) (P-11108) (E-11392)
- 89 Ill. Adm. Code 149 III. Competitive Access & Reimbursement Equity (ICARE) Program (P-15722)
- 89 Ill. Adm. Code 120 Medical Assistance Programs (P-558; A-7657) (P-14778/89; A-760) (E-1494) (P-2831; O-13011; R-13363; A-13227) (P-4081; A-10396) (P-15582/89; A-4233) (P-17229/89; A-4233) (P-5724; A-13227) (E-5839) (P-5954; O-13022; R-13363; A-13227) (P-19157/89; A-6372) (P-7821; A-14814) (P-9343)
- 89 Ill. Adm. Code 140 Medical Payment (P-11157/89; A-190) (P-1570; A-10409) (P-1737; A-10062) (P-13178/89; A-2564) (P-15612/89; A-2564) (P-3019) (E-3241; O-8223; R-9258) (P-4415; O-16082) (P-14625/89; A-4543) (E-4577; O-8226; R-9260) (P-4860) (P-5417; A-14326) (E-5575) (P-5726; A-13262) (P-5865) (P-7072; A-15981) (P-17667/89; A-7141) (E-7249; O-13036) (P-7834) (P-8929) (P-10629) (P-11672) (E-12082; O-15633) (P-13963) (E-14184) (P-14317) (E-14570) (P-14681) (P-15281/89; A-15366)
- 89 Ill. Adm. Code 146 Point Count Guidelines for ICF/MR & SNF/PED Facilities (P-4419) (PR-7031; AR-13800) (A-7651)
- 89 Ill. Adm. Code 115 Refugee/Entrant/Repatriate Program (P-14790/89; A-773) (P-2469; A-10438)
- 89 Ill. Adm. Code 147 Reimbursement for Nursing Costs for Geriatric Facilities (P-10763/89; A-210) (P-5434) (P-6664; A-16669) (E-6915; O-10165) (P-9355) (E-9523; O-13039) (P-13679) (E-14203) (P-15243) (E-15578)
- 89 Ill. Adm. Code 117 Related Program Provisions (P-14008/89; A-780) (P-17241/89; A-9488)
- 89 Ill. Adm. Code 102 Rights & Responsibilities (P-7399/89; A-13279)

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

VOL. 14, ISSUE #40

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

PUBLIC AID, DEPARTMENT OF (CONT'D)

- 89 Ill. Adm. Code 104 Rules of Practice in Administrative Hearings (P-12204)
 89 Ill. Adm. Code 118 Special Eligibility Groups (P-2473; A-10442)
 59 Ill. Adm. Code 115 Standards & Licensure Requirements for Community-Integrated Living Arrangements (P-15183/89; RC-10145)
 89 Ill. Adm. Code 103 Support Responsibility of Relatives (P-5965; A-13288) (P-19180/89; A-6395) (P-13129)

PUBLIC COUNSEL, OFFICE OF

- 2 Ill. Adm. Code 2701 Freedom of Information Act (A-12543)
 2 Ill. Adm. Code 2700 Organization, Rulemaking, & Public Access (A-11982)

PUBLIC HEALTH, DEPARTMENT OF

- 77 Ill. Adm. Code 205 Ambulatory Surgical Treatment Center Licensing Requirements (P-5442; A-15802) (E-5596)
 77 Ill. Adm. Code 855 Asbestos Abatement for Public & Private Schools in Ill. (P-172; A-12552) (E-935)
 77 Ill. Adm. Code 400 Central Complaint Registry (P-10648)
 77 Ill. Adm. Code 665 Child Health Examination Code (P-5446; A-14543) (E-5617)
 77 Ill. Adm. Code 694 College Immunization Code (P-5491/89; O-15888/89; RC-15892/89; M-20136/89; A-1609) (P-5448; A-14551) (E-5882)
 77 Ill. Adm. Code 900 Drinking Water Systems Code (P-5457; A-14844)
 77 Ill. Adm. Code 535 Emergency Medical Services Code (P-1755; RC-13025; A-15390) (P-16237)
 77 Ill. Adm. Code 590 Family Practice Residency Act (PR-8493)
 77 Ill. Adm. Code 590 Family Practice Residency Code (P-8503) (E-8725; O-13042)
 77 Ill. Adm. Code 1240 Financial & Economic Feasibility Review & Evaluation Plan (For All Long-Term Care & Chronic Disease Facilities) (P-16703/89; A-5162)
 77 Ill. Adm. Code 1230 Financial Feasibility Review & Evaluation Plan (P-6708/89; A-5165)
 77 Ill. Adm. Code 750 Food Service Sanitation Code (P-5050) (P-11110)
 77 Ill. Adm. Code 550 Head & Spinal Cord Injury Code (P-10656)
 77 Ill. Adm. Code 682 Hearing Aid Consumer Protection Code (P-19185/89; A-10447)
 77 Ill. Adm. Code 250 Hospital Licensing Requirements (P-7875/89; A-2342) (P-2478; A-13824) (P-16259)
 77 Ill. Adm. Code 710 Alzheimer's Disease & Related Disorders Assistance Code (P-15246)
 77 Ill. Adm. Code 450 Ill. Clinical Laboratories Code (P-14280/89; A-2360)
 77 Ill. Adm. Code 790 Ill. Formulary for the Drug Product Selection Program, The (P-1220; A-8154) (E-1505) (P-16910/89; A-3184) (P-4437; A-11988) (E-4620) (P-9357) (E-9556) (P-13133) (E-13325)
 77 Ill. Adm. Code 840 Ill. Health & Hazardous Substances Registry (P-15284/89; A-5495)
 77 Ill. Adm. Code 245 Ill. Home Health Agency Code (P-10007/89; A-2382) (P-14699)
 77 Ill. Adm. Code 890 Ill. Plumbing Code (P-4543/89; A-1385)
 77 Ill. Adm. Code 820 Ill. Swimming Pool & Bathing Beach Code (P-12395/89; A-786)
 77 Ill. Adm. Code 540 Ill. Trauma Center Code (P-10665) (P-13424) (E-13856)
 77 Ill. Adm. Code 920 Ill. Water Well Construction Code (P-15338/89; A-228) (P-5484; A-14871)
 77 Ill. Adm. Code 695 Immunizations (P-5749) (E-5890)
 77 Ill. Adm. Code 350 Intermediate Care for the Developmentally Disabled Facilities Code (P-2210; A-14876) (P-9833)

Joint Rules of the Environmental Protection Agency & the Dept. of Public Health:

- Certification & Operation of Environmental Laboratories (P-7561/89; A-8055)
 Local Health Depts. Program Standards Code (P-10137/89; A-805)
 Long-Term Care for Under Age 22 Facilities Code (P-2237; A-14904) (P-9883)
 Maternal & Child Health Services Code (P-10060/89; A-11219) (P-15726)
 Migrant Labor Camps (P-2498; A-12633)
 Minimum Health Care Standards for Health Maintenance Organizations (P-10028/89; A-2403)
 Minimum Qualifications for Personnel Employed by Local Health Depts. Code (P-10035/89; A-840)
 Newborn Metabolic Screening & Treatment Code (P-4443; A-13292)
 Private Sewage Disposal Code (P-16305)
 Program Content & Guidelines for Title X Family Planning Services (P-7858)
 Recreation Area Code (P-17707/89; A-12663)

PUBLIC HEALTH, DEPARTMENT OF (CONT'D)

- 77 Ill. Adm. Code 640 Regionalized Perinatal Care (PR-12413/89; AR-12747)
 77 Ill. Adm. Code 640 Regionalized Perinatal Health Care Code (P-12433/89; A-12749)
 77 Ill. Adm. Code 725 Salvage Warehouses & Stores for Foods, Alcoholic Liquors, Drugs, Medical Devices & Cosmetics Code (P-14306/89; A-864)
 77 Ill. Adm. Code 695 School Child Immunization Code (P-5749; A-14562)
 77 Ill. Adm. Code 330 Sheltered Care Facilities Code (P-1827; A-14928) (P-9920)
 77 Ill. Adm. Code 300 Skilled Nursing & Intermediate Care Facilities Code (P-2261; A-14950) (P-9977)
 77 Ill. Adm. Code 830 Structural Pest Control Code (P-571; A-12889) (E-1038) 77 Ill. Adm. Code 513 Testing of Breath, Blood & Urine for Alcohol &/or Other Drugs (P-11119)
 77 Ill. Adm. Code 672 WIC Vendor Management Code (P-11132)

PUBLIC HEALTH/HEALTH PLANNING BOARD, DEPARTMENT OF

- 77 Ill. Adm. Code 1150 Certificate of Need for Health Maintenance Organizations (PR-5580/89; AR-5168)
 77 Ill. Adm. Code 1130 Health Facilities Planning Procedural Rules (P-17245/89; A-7183)
 77 Ill. Adm. Code 1190 Permit Application Fees (P-16917/89; A-5550)
 77 Ill. Adm. Code 1220 Practice & Procedures in Reconsideration Hearings (PR-16714/89; AR-5172)
 77 Ill. Adm. Code 1160 Processing an Application for Permit & Validity of Permits (PR-17280/89; AR-5175)

RACING BOARD, ILLINOIS

- 11 Ill. Adm. Code 1428 Admissions & Credentials (P-8948) (P-10675)
 11 Ill. Adm. Code 510 Claiming Races (P-8079)
 11 Ill. Adm. Code 439 Double Trifecta Wagering Pool (P-5751; A-13847)
 11 Ill. Adm. Code 1317 Drivers, Trainers, & Agents (P-8083)
 11 Ill. Adm. Code 1312 Entries & Declarations (P-14750)
 11 Ill. Adm. Code 1413 Entries, Subscriptions & Declarations (P-12385)
 11 Ill. Adm. Code 502 Licensing (P-8952)
 11 Ill. Adm. Code 509 Medication (P-10171/89; A-8186) (P-10679)
 11 Ill. Adm. Code 419 Over/Under Rules (P-7406; A-14978)
 11 Ill. Adm. Code 405 Pari-Mutuels (P-1224; A-11310) (P-8086) (P-8542) (P-8957) (P-12389)
 11 Ill. Adm. Code 408 Perfecta or Exacta Rules (P-8961)
 11 Ill. Adm. Code 438 Pick N' Wagering Pool (P-8546)
 11 Ill. Adm. Code 415 Programs (P-1597; A-11314)
 11 Ill. Adm. Code 407 Quinella Rules (P-8964)
 11 Ill. Adm. Code 1305 Race Track Operators & Their Duties (P-8967) (P-10687)
 11 Ill. Adm. Code 1424 Regs. for Meetings (P-8971) (P-10691)
 11 Ill. Adm. Code 1325 Security & Admissions (P-8090) (P-8553)
 11 Ill. Adm. Code 1415 Starting (P-10696)
 11 Ill. Adm. Code 421 Supertrifecta Rules (P-7411; A-14982)
 11 Ill. Adm. Code 433 Totalizator Operations (P-10700) (P-12393)
 11 Ill. Adm. Code 409 Trifecta (P-1601; A-11317) (P-1849; A-12265)
 11 Ill. Adm. Code 409 Trifecta Rules (P-1601) (P-1849) (P-8557) (P-10705)
 11 Ill. Adm. Code 440 Twin Trifecta Exchange (P-8975)

REHABILITATION SERVICES, DEPARTMENT OF

- 2 Ill. Adm. Code 1176 Access to Public Records (P-9364; A-15999)
 89 Ill. Adm. Code 515 Advisory Councils (P-9370)
 89 Ill. Adm. Code 540 Auxiliary Aids (P-16927/89; A-5808)
 89 Ill. Adm. Code 716 Case Management Services to Persons with AIDS (P-9994)
 89 Ill. Adm. Code 885 Centers for Independent Living (P-6666)
 89 Ill. Adm. Code 362 Client Financial Participation (P-14313/89; A-1466) (P-9379)
 89 Ill. Adm. Code 617 Closure (P-9385)
 89 Ill. Adm. Code 505 Confidentiality of Information (P-12718)
 89 Ill. Adm. Code 530 Criteria for the Evaluation of Programs in Rehabilitation Facilities (P-11676)
 89 Ill. Adm. Code 843 Disability Case Development Process (P-12212)
 89 Ill. Adm. Code 552 Eligibility (P-9392)
 89 Ill. Adm. Code 765 Establishment & Administration of Special Education, The (P-12224)

ILLINOIS REGISTER

VOL. 14, ISSUE #40

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

REHABILITATION SERVICES, DEPARTMENT OF (CONT'D)

- 89 Ill. Adm. Code 687 Financial Eligibility Criteria (P-8560; O-16085; RC-16088)
 89 Ill. Adm. Code 712 Homemaker Contracts (P-11702)
 89 Ill. Adm. Code 795 Identification, Evaluation, & Placement of Exceptional Children (P-3407; A-16005)
 89 Ill. Adm. Code 730 Ill. Visually Handicapped Institute (P-12228)
 89 Ill. Adm. Code 572 Individualized Written Rehabilitation Program (P-5969)
 89 Ill. Adm. Code 899 Lokoteks (P-3412; O-13029)
 89 Ill. Adm. Code 602 Maintenance (P-14797/89; A-2598) (P-5974)
 89 Ill. Adm. Code 587 Medical, Psychological, & Related Services (P-16719/89; A-6785) (P-11736)
 89 Ill. Adm. Code 830 Non-Academic Programs & Policies (P-12234)
 89 Ill. Adm. Code 685 Non-Financial Eligibility Criteria (P-8982)
 89 Ill. Adm. Code 714 Non-Homemaker Service Provider Requirements (P-12947/89; A-3652)
 89 Ill. Adm. Code 607 Other Services (P-7087)
 89 Ill. Adm. Code 690 Prescreening & Eligibility Determination Processes (P-9397)
 89 Ill. Adm. Code 675 Program Description (P-14319/89; A-3222)
 89 Ill. Adm. Code 527 Recovery of Misspent Funds (P-8095)
 89 Ill. Adm. Code 845 Sequential Evaluation Process for the Determination of Disability (P-12240)
 89 Ill. Adm. Code 700 Service Plan Development (P-14331/89; O-20407/89; R-2968; A-4900) (P-81(3); C-9624)
 89 Ill. Adm. Code 695 Service Provision (P-12252)
 89 Ill. Adm. Code 567 Similar Benefits (P-12731)
 89 Ill. Adm. Code 810 Special Education Personnel (P-13739/89; A-3661)
 89 Ill. Adm. Code 890 Telecommunication Devices for the Hearing Impaired (P-2844; A-16010)
 89 Ill. Adm. Code 592 Training Services (P-14338/89; A-1473) (P-12257)
 89 Ill. Adm. Code 650 Vending Facility Program for the Blind (P-6683)
 89 Ill. Adm. Code 650 Vending Stand Program for the Blind (PR-6725)

RETIREMENT SYSTEM OF ILLINOIS, STATE EMPLOYEES'

- 80 Ill. Adm. Code 1540 Administration & Operation of the State Employees' Retirement System of Ill., The (P-4880; RC-10149; A-10498)

RETIREMENT SYSTEM OF THE STATE OF ILLINOIS, TEACHERS'

- 80 Ill. Adm. Code 1650 Administration & Operation of the Teachers' Retirement System, The (P-11741; C-13871)

RETIREMENT SYSTEM, STATE UNIVERSITIES

- 80 Ill. Adm. Code 1600 Universities Retirement (P-1228; A-6789)

REVENUE, DEPARTMENT OF

- 86 Ill. Adm. Code 420 Alcoholic Liquor Act (P-9402; O-16090) (P-15762)
 86 Ill. Adm. Code 428 Cannabis & Controlled Substances Tax Act (P-8996; A-16680) (E-9251)
 86 Ill. Adm. Code 440 Cigarette Tax Act (P-12954/89; A-6794) (P-13429)
 86 Ill. Adm. Code 450 Cigarette Use Tax Act (P-12964/89; A-6804) (P-13434)
 86 Ill. Adm. Code 270 Home Rule Municipal Retailers' Occupation Tax (P-15251)
 86 Ill. Adm. Code 100 Income Tax (P-17312/89; A-4558) (P-18188/89; A-6810) (P-7090; A-16012) (P-19347/89; A-10082)
 86 Ill. Adm. Code 500 Motor Fuel Tax (P-13201/89; A-6826)
 86 Ill. Adm. Code 200 Practice & Procedure for Hearings Before the Ill. Dept. of Revenue (P-14754)
 86 Ill. Adm. Code 110 Property Tax/Revenue Act of 1939 (P-14321)
 86 Ill. Adm. Code 432 Pull Tabs & Jar Games Act (P-19371/89; A-6399)
 86 Ill. Adm. Code 130 Retailers' Occupation Tax (P-22097/88; O-20410/89; M-411; A-241) (P-8391/89; A-872) (P-7106; A-15463) (P-14800/89; A-16028)
 86 Ill. Adm. Code 140 Service Occupation Tax (P-10179/89; A-262) (P-7123; A-15480)
 86 Ill. Adm. Code 205 Taxpayer Rights (P-575; A-6831)
 86 Ill. Adm. Code 495 Telecommunications Excise Tax (P-16723/89; O-10152; M-11408; A-11321)
 86 Ill. Adm. Code 150 Use Tax (P-7215/89; A-6835)

RURAL BOND BANK, ILLINOIS

- 47 Ill. Adm. Code 410 Application Process for Governmental Units (P-4449) (E-4712)

CI - 13

ILLINOIS REGISTER

VOL. 14, ISSUE #40

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

RURAL BOND BANK, ILLINOIS (CONT'D)

- 47 Ill. Adm. Code 400 General Rules (P-4451) (E-4720)
 47 Ill. Adm. Code 420 Purchase of Governmental Unit Bonds (P-4453) (E-4734)

SAVINGS AND RESIDENTIAL FINANCE, COMMISSIONER OF

- 38 Ill. Adm. Code 1075 Savings Bank Act (P-14758) (E-15029)

SECRETARY OF STATE

- 92 Ill. Adm. Code 1040

- 92 Ill. Adm. Code 1010

- 92 Ill. Adm. Code 1060

- 92 Ill. Adm. Code 1020

- 2 Ill. Adm. Code 552

- 2 Ill. Adm. Code 551

- 23 Ill. Adm. Code 3030

- 92 Ill. Adm. Code 1070

- 92 Ill. Adm. Code 1030

- 50 Ill. Adm. Code 8010

- 92 Ill. Adm. Code 1001

- 14 Ill. Adm. Code 130

- 92 Ill. Adm. Code 1019

- 14 Ill. Adm. Code 170

- 71 Ill. Adm. Code 2005

- Cancellation, Revocation, or Suspension of Licenses or Permits (P-14810/89; A-2944) (P-15351/89; A-3664) (P-15635/89; A-5178) (P-5488; A-14177) (P-14014/89; A-5560) (P-9109) (P-14336)
 Certificates of Title, Registration of Vehicles (P-1853; A-9492) (P-3022; A-12267) (P-15357/89; A-4560) (P-19235/89; A-6848) (P-8575) (P-8998)
 Commercial Driver Training Schools (P-1859; A-8658)
 Dealers, Wreckers, Transporters & Rebuilders (P-14818/89; A-3671) (P-19241/89; O-4761; M-8738; A-8704) (P-19241/89; F-10156)
 Departmental Duties (A-6854)
 Freedom of Information (A-13852)
 Ill. Library System Act, The (P-11764)
 Ill. Safety Responsibility Law (P-2526; A-10107) (P-19116/89; A-6859)
 Issuance of Licenses (P-179; A-8707) (P-579; A-9246) (P-1902; A-12077) (P-1289; A-10111) (P-2530; A-9498) (P-2852; A-10510) (P-14019/89; A-4570) (P-16297/89; A-4908) (P-5060; A-15487) (P-14344/89; A-5183) (P-7130; W-9623) (P-11175)
 Mandatory Vehicle Liability Insurance (P-14349/89; A-2952) (P-7417)
 Procedures & Standards (P-16932/89; A-2601; C-3698) (P-5977; A-16041)
 Regs. Under the Ill. Securities Law of 1953 (P-13742/89; A-884) (P-16302/89; A-5188)
 Remittance Agents (P-18843/89; A-5813)
 Revised Uniform Limited Partnership Act (P-14824/89; A-1480)
 Use of the Capital Complex Facilities, The (P-15640/89; O-2124; RC-2131; M-7267; A-7228)

STATE POLICE, DEPARTMENT OF

- 20 Ill. Adm. Code 428 Drug Asset Forfeiture Procedure Act (E-16686)

- 20 Ill. Adm. Code 1215 Ill. Uniform Conviction Information Act (P-12398)

STATE POLICE MERIT BOARD, DEPARTMENT OF

- 80 Ill. Adm. Code 150 Procedures of the Dept. of State Police Merit Board (P-16365/89; A-3679)

STUDENT ASSISTANCE COMMISSION, ILLINOIS

- 23 Ill. Adm. Code 2731 Correctional Officer's Grant Program (P-18204/89; A-10534)

- 23 Ill. Adm. Code 2700 General Provisions (P-18207/89; A-10538)

- 23 Ill. Adm. Code 2720 Guaranteed Loan Programs (P-23100; A-10941) (E-4266) (P-18222/89; A-10553)

- 23 Ill. Adm. Code 2730 Ill. National Guard Grant (P-18236/89; A-10571)

- 23 Ill. Adm. Code 2733 Ill. Veteran Grant Program (P-18239/89; A-10571)

- 23 Ill. Adm. Code 2761 Merit Recognition Scholarship (MRS) Program (P-18245/89; A-10578)

- 23 Ill. Adm. Code 2755 Monetary Award Program (MAP) (P-18251/89; A-7242)

- 23 Ill. Adm. Code 2732 Police Officer/Fire Officer Grant Program (P-18257/89; A-10585)

- 23 Ill. Adm. Code 2760 State Scholar Program (P-18260/89; A-10589)

TRANSPORTATION, DEPARTMENT OF

- 92 Ill. Adm. Code 730 Allocation of Water from Lake Michigan (P-14357/89; A-1484)

- 92 Ill. Adm. Code 449 Alternate Fuel System for School Buses (P-16944/89; A-3686)

- 92 Ill. Adm. Code 177 Carriage by Public Highway (P-16367/89; A-2613)

- 92 Ill. Adm. Code 27 Casey Municipal Airport Hazard Zoning (P-15262)

- 92 Ill. Adm. Code 180 Continuing Qualification & Maintenance of Packaging (P-16371/89; A-2617)

- 92 Ill. Adm. Code 557 Custodial Transportation of Pupils Where Walking Constitutes a Serious Safety Hazard (P-10709) (P-10722)

CI - 14

TRANSPORTATION, DEPARTMENT OF (CONT'D)

- 92 Ill. Adm. Code 397 Driving & Parking (CC-3281) (P-7424; A-15498) (PR-7429; AR-15496)
 92 Ill. Adm. Code 392 Driving of Motor Vehicles (P-7438; A-15503)
 92 Ill. Adm. Code 548 Establishing & Posting Speed Limits on Streets & Highways (PR-17731/89; AR-3692)
 92 Ill. Adm. Code 171 General Information, Regs., & Definitions (P-16375/89; A-2621)
 92 Ill. Adm. Code 401 Hazardous Materials Civil Money Penalty Policy (A-3234)
 92 Ill. Adm. Code 172 Hazardous Materials Table & Hazardous Materials Communications (P-16382/89; A-2628)
 92 Ill. Adm. Code 395 Hours of Services of Drivers (P-7442; A-15507)
 92 Ill. Adm. Code 546 Ill. Manual on Uniform Traffic Control Devices (PR-17767/89; AR-3694)
 92 Ill. Adm. Code 396 Inspection, Repair & Maintenance (P-7447; C-9262; A-15512)
 92 Ill. Adm. Code 57 Lewis University Airport Hazard Zoning (P-15283)
 92 Ill. Adm. Code 390 Motor Carrier Safety Regs.: General (P-7452; A-15519)
 92 Ill. Adm. Code 393 Parts & Accessories Necessary for Safe Operation (P-7468; A-15537)
 92 Ill. Adm. Code 107 Procedures (P-16387/89; A-2633) (P-3028; A-8189)
 92 Ill. Adm. Code 386 Procedures & Enforcement (P-7472; A-15542)
 92 Ill. Adm. Code 391 Qualification of Drivers (P-7487; A-15560)
 92 Ill. Adm. Code 173 Shippers General Requirements for Shipments & Packagings (P-16393/89; A-2651)
 92 Ill. Adm. Code 178 Shipping Container Specifications (P-16400/89; A-2640)

PUBLIC HEARINGS**ALCOHOLISM & SUBSTANCE ABUSE, DEPARTMENT OF**

- 77 Ill. Adm. Code 2058 Licensure of Alcoholism & Substance Abuse Treatment, Intervention & Research Programs 8740

CARNIVAL-AMUSEMENT SAFETY BOARD

- 56 Ill. Adm. Code 6000 Carnival & Amusement Ride Inspection Law 3282

CONSERVATION, DEPARTMENT OF

- 17 Ill. Adm. Code 510 General Hunting & Trapping on Department-Owned or -Managed Sites 6924
 17 Ill. Adm. Code 570 Muskrat, Mink, Raccoon, Opossum, Striped Skunk, Weasel, Red Fox, Gray Fox, Coyote, Beaver & Woodchuck (Groundhog) Trapping 6925
 17 Ill. Adm. Code 670 White-Tailed Deer Hunting by Use of Bow & Arrow 6926
 17 Ill. Adm. Code 670 White-Tailed Deer Hunting by Use of Bow & Arrow 12104

EDUCATION, STATE BOARD OF

- 23 Ill. Adm. Code 226 Special Education 12937

FIRE MARSHAL, OFFICE OF THE STATE

- 41 Ill. Adm. Code 250 Fire Equipment Distributor & Employee Standards 7272

LABOR, DEPARTMENT OF

- 56 Ill. Adm. Code 100 Prevailing Wage Hearing Procedures 5623

MENTAL HEALTH AND DEVELOPMENTAL DISABILITIES, DEPARTMENT OF

- 59 Ill. Adm. Code 117 Family Assistance & Home-Based Support Services Programs for Persons with Mental Disabilities 15173
 59 Ill. Adm. Code 119 Minimum Standards for Certification of Developmental Training Programs: 3699

PUBLIC HEALTH, DEPARTMENT OF

- 77 Ill. Adm. Code 205 Ambulatory Surgical Treatment Center Licensing Requirements 5908
 77 Ill. Adm. Code 855 Asbestos Abatement for Public & Private Schools in Ill. 2168
 77 Ill. Adm. Code 535 Emergency Medical Services Code 2170
 77 Ill. Adm. Code 535 Emergency Medical Services Code 5624
 77 Ill. Adm. Code 750 Food Service Sanitation Code 12687
 77 Ill. Adm. Code 550 Head & Spinal Cord Injury Code 13367

PUBLIC HEALTH, DEPARTMENT OF (CONT'D)

- 77 Ill. Adm. Code 540 Ill. Trauma Center Code 13872
 77 Ill. Adm. Code 396 Life Care Facilities Contract Code 2172
 77 Ill. Adm. Code 905 Private Sewage Disposal Code 16693
 77 Ill. Adm. Code 635 Program Content & Guidelines for Title X Family Planning Services 8229
 77 Ill. Adm. Code 830 Structural Pest Control Code 2685
 77 Ill. Adm. Code 672 WIC Vendor Management Code 11411

REVENUE, DEPARTMENT OF

- 86 Ill. Adm. Code 495 Telecommunications Excise Tax 1535

PUBLIC INFORMATION**BANKS AND TRUST COMPANIES, COMMISSIONER OF**

- Notice of Acceptance of an Application by First Banks, Inc., St. Louis, Missouri, to Acquire Havana Bancshares, Inc., Springfield, Ill. 12105
 Notice of Acceptance of an Application by First Banks, Inc., St. Louis, Missouri, to Acquire West Frankfort Community Bancshares, Inc., West Frankfort, Ill. 1536
 Notice of Acceptance of an Application by First Financial Corporation, Terre Haute, Indiana, to Acquire Ridge Farm State Bank, Ridge Farm, Ill. 13369
 Notice of Acceptance of an Application by DNB Financial Corporation, Indianapolis, Indiana, to Acquire Peoples Mid-Ill. Corporation, Bloomington, Ill. 10949
 Notice of Acceptance of an Application by Lake Zurich, Lake Zurich, Ill. 5910
 Notice of Acceptance of an Application by Old National Bancorp. Evansville, Indiana, to Acquire SBT Bancorp. Inc., Mt. Carmel, Illinois 14608

HOUSING DEVELOPMENT AUTHORITY, ILLINOIS

- Initial Plan of the Advisory Commission 10594

LABOR, DEPARTMENT OF

- List of Contractors Prohibited from an Award of a Contract or a Subcontract for Public Works Projects 16100

LOTTERY, DEPARTMENT OF THE

- Game-Specific Materials (Calendar year 1989) 2174

POLLUTION CONTROL BOARD

- Notice Pursuant to Ill. Rev. Stat. 1988, Supp. Ch. 111 1/2, par. 1007.2(b) 4765
 Notice Pursuant to Ill. Rev. Stat. 1988, Supp. Ch. 111 1/2, par. 1007.2(b) RCRA Rules Under Par. 1022.4(a) 3283
 Notice Pursuant to Ill. Rev. Stat. 1988, Supp. Ch. 111 1/2, par. 1007.2(b) SDWA Rules Under Par. 1017.5 3285
 Notice Pursuant to Ill. Rev. Stat. 1988, Supp. Ch. 111 1/2, par. 1007.2(b) UST Rules Under Par. 1022.4(d) 3287
 Notice Pursuant to Ill. Rev. Stat. 1988, Supp. Ch. 111 1/2, par. 1007.2(b) SDWA Rules Under Par. 1017.5 10950

REHABILITATION SERVICES, DEPARTMENT OF

- Auxiliary Aids, 89 Ill. Adm. Code 540 7664

REVENUE, DEPARTMENT OF

- Index of Letter Rulings (Third Quarter of 1989) (Income Tax) 1052
 Index of Letter Rulings (Third Quarter of 1989) (ROT) 2175
 Index of Letter Rulings (Fourth Quarter of 1989) (Income Tax) 2687
 Index of Letter Rulings (First Quarter of 1990) (Income Tax) 8231
 Index of Letter Rulings (First Quarter of 1990) (ROT) 10168

REVENUE, DEPARTMENT OF (CONT'D)

Index of Letter Ruling (First Quarter of 1990) (ROT)	12322
Index of Letter Ruling (Second Quarter of 1990) (ROT)	13874
Index of Letter Rulings (Second Quarter of 1990) (Income Tax)	14609

SAVINGS AND LOAN ASSOCIATIONS, COMMISSIONER OF

Summary of Order of Emergency Suspension of the License to Act as a Residential Mortgage Licensee of Preferred Financial Services, Inc., Carol Stone, President	3701
Summary of Order of Fine & no Suspension or Revocation of License to Act as a Residential Mortgage Licensee of Lorae Mortgage Corporation, Carol Sutton, President	2969
Summary of Order of Revocation of License to Act as a Residential Mortgage Licensee of Advantage Mortgage Corporation, Robert Khebecka, President	2970
Summary of Order of Revocation of License to Act as a Residential Mortgage Licensee of First Universal Mortgage Company, Marie Lee, President	2971
Summary of Order of Revocation of License to Act as a Residential Mortgage Licensee of Midwest Mortgage Financial Group Ltd., Charles Taylor	2972
Withdrawal of Order of Summary Suspension of & Reinstatement of the License of Preferred Financial Services, Inc., Carol Stone, President, To Act as a Residential Mortgage Licensee	2973

REGULATORY AGENCY

EMPLOYMENT SECURITY, DEPARTMENT OF

56 Ill. Adm. Code 2712	10952
General Application	

REHABILITATION SERVICES, DEPARTMENT OF

89 Ill. Adm. Code 716	5255
Case Management Services to Persons with AIDS	
89 Ill. Adm. Code 562	5256
Client Financial Participation	
89 Ill. Adm. Code 840	5634
Consultative Examination Process, The	
89 Ill. Adm. Code 587	5257
Medical, Psychological, & Related Services	
89 Ill. Adm. Code 685	5258
Non-Financial Eligibility Criteria	
89 Ill. Adm. Code 895	5259
Total Life Planning Program	
89 Ill. Adm. Code 650	5260
Vending Stand Program for the Blind	

JOINT COMMITTEE ON ADMINISTRATIVE RULES

Agenda

January 10, 1990	412
February 8, 1990	2191
March 7, 1990	3289
April 3, 1990	4972
June 5, 1990	8741
July 26, 1990	12106
August 21, 1990	13370
September 13, 1990	14636
October 11, 1990	16695

Second Notices Received

422, 1077, 1537, 1634, 2198, 2411, 2708, 2974, 3295, 3702, 4272, 4767, 4981, 5261, 5636, 5911, 6438, 6927, 7274, 8254, 8749, 9263, 9625, 10181, 10597, 10953, 11413, 12120, 12337, 12689, 12941, 13378, 13900, 14222, 14646, 15175, 15635, 16101, 16704

EXECUTIVE ORDERS AND PROCLAMATIONS

EXECUTIVE ORDERS

90-1 Executive Order For The Establishment Of An Interagency Council On Census Coordinator	1636
90-2 Executive Order For The Reduction Of Earthquake Hazards	6441
90-3 Personnel Directive	10955
90-4 Iraq - Illinois National Guard & Reserves	15176

PROCLAMATIONS

89-562 Girls And Women In Sports Day	424
89-563 Soup Month	424
89-564 Vocational Education Week	425
89-565 Nick Perrino Day	425
89-566 Chronic Fatigue Syndrome Awareness Day	426
90-001 Careers In Cosmetology Month	1538
90-002 Jaycee Week	1538
90-003 William Franklin Fennoy Day	1538
90-004 Financial Aid Awareness Month	1539
90-005 Printing Week	1540
90-006 Antioch Rescue Squad Day	1639
90-006 Antioch Rescue Squad Day (Revised)	2412
90-007 Recognizes Frank R. Zimmerman	1640
90-008 United States Navy Armed Guard Week	1641
90-009 Catholic Schools Appreciation Day	1642
90-010 Patrick G. Ryan Day	1643
90-011 Red Cloud Special 25th Anniversary Day	1644
90-012 Engineers Week	2200
90-013 Kidney Month	2200
90-014 Land And Water Conservation Fund/25th Anniversary	2201
90-015 South Side YMCA Day	2201
90-016 Earth Day	2201
90-017 Foreign Week	2202
90-018 Astronaut Remembrance Day	2202
90-019 Land Surveyors' Month	2203
90-020 Marion Housing Authority Referendum/Federal Social Security Act/Illinois Pension Code	2203
90-021 Ukrainian Independence Day	2204
90-022 Afro-American History Month	2413
90-022 African-American History Month (Revised)	2710
90-023 Biomedical Equipment Technology Week	2414
90-024 Freedom Day	2415
90-025 IRS-Sponsored Volunteer Week	2416
90-026 Sales And Marketing Month	2417
90-027 Travel Agency Appreciation Week	2418
90-028 Consumers Week	2711
90-029 American Ballet Theatre Week	2712
90-030 Black Nurses' Day	2713
90-031 Illinois School Psychologists Association Week	2714
90-032 Post Anesthesia Nurse Awareness Week	2715
90-033 Illinois Community College System/25th Anniversary	2716
90-034 Minority Education Day	2717
90-035 Motorcycle Awareness Month	2718
90-036 UIC Month	2719
90-037 Women's History Month	2720
90-038 Marian Catholic High School Band Day	2975
90-039 Super Smile Day	2975
90-040 Cardiac Rehabilitation Week	2976
90-041 Employee Health and Fitness Day	2976

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

VOL. 14, ISSUE #40

OCTOBER 5, 1990

PROCLAMATIONS (CONT'D)

90-042	FFA Week	2977
90-043	Future Business Leaders of America-Phi Beta Lambda Week	2977
90-044	League of Women Voters Week	2978
90-044	League of Women Voters Week (Revised)	3296
90-045	Recognizes Lacey C. Brooks	2978
90-046	Salute To Hospitalized Veterans Week	2979
90-047	Declares Champaign County To Be A Disaster Area	3296
90-048	Irving Dillard Day	3297
90-049	Lithuanian Independence Day	3297
90-049	Lithuanian Independence Day (Revised)	4275
90-050	RE/MAX Of Northern Illinois Day	3298
90-051	Seed Month	3298
90-052	Volvo Tennis/Chicago Week	3299
90-053	American Music Month	3299
90-054	Legion Of Valor Day	3300
90-055	Luster's Black Heritage Day	3300
90-056	Student Council Week	3301
90-057	William J. Weisz Day	3705
90-058	Advanced Learning Institute Day	3705
90-059	American Diabetes Association's 50th Anniversary	3706
90-060	Community Associations Day	3706
90-061	Estonian Day	3707
90-062	Jake Turano Day	3707
90-063	Love And Help Children Month	3708
90-064	Potato Lovers Month	3708
90-065	Congratulates Robert F. Hyland	3709
90-066	Nursing Home Week	3709
90-067	Nutrition Month	3709
90-068	Tornado Preparedness Week	4275
90-069	Seale Day	4276
90-070	Youth Art Month	4276
90-071	American History Month	4277
90-072	Bust MS Month	4277
90-073	Child Find Month	4278
90-074	Newspaper In Education Week	4278
90-075	Surgical Technologist Week	4278
90-076	Arts Education Week	4279
90-077	Licensed Practical Nurse Week	4279
90-078	Lutheran Schools Week	4768
90-079	Douglas, Edgar, Ford, Iroquois, Livingston, McLean, Moultrie, Piatt & Vermillion Counties Disaster Areas	4768
90-080	Apprenticeship Week	4769
90-081	Casinir Pulaski Day	4769
90-082	Chronic Fatigue Syndrome Awareness Week	4769
90-083	Employ The Older Worker Week	4770
90-084	Free Paper Week	4770
90-085	Proud Lady Days	4771
90-086	U.S. Savings Bond Campaign Month	4771
90-087	Women Veterans Recognition Day	4771
90-088	Building Safety Week	4772
90-089	Groundwater Protection Month	4773
90-090	Headache Week	4773
90-091	Rural Electric & Telephone Youth Day	4774
90-092	St. Peter Lutheran Church & School Against Drugs Week	4774
90-093	Be Kind To Animals Week	4774
90-094	Lioness Caramel Corn Day	4774

CI - 19

ILLINOIS REGISTER

1990 CUMULATIVE INDEX

VOL. 14, ISSUE #40

OCTOBER 5, 1990

PROCLAMATIONS (CONT'D)

90-095	Music Week	4775
90-096	Poison Prevention Week	4775
90-097	Student-Athlete Day	4776
90-098	Vietnam Veterans Day	4776
90-099	Youth Temperance Education Week	4777
90-100	Matthew Headrick Day	4777
90-101	Judith Erwin Day	4778
90-102	Middle Level Education Week	4778
90-103	Mathematics Awareness Week	4982
90-104	Minuteman Press International Day	4982
90-105	Professional Home Remodeling Month	4983
90-106	Belarusian Independence Day/Dr. Francisak Quincentenary Year	4983
90-107	Jim Munz Day	4984
90-108	Lake County Community Action Project Day	5263
90-109	Agriculture Week	5263
90-110	Energy Education Day	5264
90-111	Illinois-Eastern Iowa District Key Club 40th Anniversary Week	5264
90-112	Parks & Recreation Month	5265
90-113	AMBUCS Month	5265
90-114	Clarence Darrow Community Center Day	5266
90-115	Legislators' Fitness Day	5267
90-116	Rural Health Care Week	5637
90-117	Medical Laboratory Week	5637
90-118	Mother Of The Year Day	5638
90-119	Kids Fitness Week/Kids Workout Day	5638
90-120	Municipal Clerks Week	5639
90-121	Organ & Tissue Donor Awareness Week	5639
90-122	Patent Recipients Day	5640
90-123	Tuberous Sclerosis Month	5640
90-124	Variety Club Children's Carnival Day	5640
90-125	Athletic Trainers Week	5641
90-126	Congratulates Dr. Joseph Ondrus	5641
90-127	Days Of Remembrance	5642
90-128	Lake & Watershed Management Month	5642
90-129	Medical Assistants Week	5643
90-130	Pre-White House Conference Days	5643
90-131	Public Service Recognition Week	5644
90-132	Weight Loss Month	5644
90-133	John H. Struwe Day	5645
90-134	Naturalized American Citizen Month	5645
90-135	Call Before You Dig Month	5646
90-136	Earthquake Awareness Week	5913
90-137	Breastfeeding Promotion Month	5913
90-138	Carol Kimmel Day	5914
90-139	Head Start Year	5914
90-140	Ill. Industry Appreciation Day	5915
90-141	POW-MIA Day	5915
90-142	Fraternal Order of Eagles Week	5916
90-143	High Blood Pressure Month	5916
90-144	William Warfield Day	5917
90-145	Greek Independence Day	5917
90-146	Patent & Copyright Bicentennial Week	5918
90-147	Pharmacy Day	5919
90-148	World Health Day	5919
90-149	Commends Jack W. Gaston	5919
90-150	Springfield Day	5919

CI - 20

ILLINOIS REGISTER

VOL. 14, ISSUE #40

OCTOBER 5, 1990

1990 CUMULATIVE INDEX

PROCLAMATIONS (CONT'D)

90-151	Holiday Meals-On-Wheels Day	6444
90-152	Lions Candy Day	6444
90-153	American GI Forum Days	6445
90-154	American Police Hall Of Fame Day	6445
90-155	Better Hearing & Speech Month	6445
90-156	Blood Donor Awareness Month	6446
90-157	Boys & Girls Club Week	6447
90-158	Bozo Ball Day	6447
90-159	Business Opportunity Days	6448
90-160	Community Mental Health Services Week	6448
90-161	Drinking Water Week	6449
90-162	ECC Music Workshop Days	6449
90-163	Environmental Awareness Week	6449
90-164	Family Week	6450
90-165	Flag Celebration Days	6450
90-166	Florspar Week	6451
90-167	Health Care Team Day	6451
90-168	Ill. Clean & Beautiful & Tree City USA Month	6452
90-169	John Dively, Sr. Day	6452
90-170	Jones 50th Anniversary Week	6453
90-171	Piano Molding Company Day	6453
90-172	Steamboat Day	6454
90-173	Trail Appreciation Month	6454
90-174	Victim Rights Week	6455
90-175	Volunteer Week	6455
90-176	Comments Little Miss Sigma Pageant/Congratulates Jennifer Douglas	6928
90-177	Henry & Socorro Garza Day	6928
90-178	Independent Order of Foresters Child Abuse Prevention Week	6929
90-179	Professional Secretaries Week/Professional Secretaries Day	6929
90-180	Queen Isabella Day	6929
90-181	Seventh-Day Adventist Schools Week	6930
90-182	Child Abuse Prevention Month	7275
90-183	Cinco De Mayo Day	7275
90-184	Cyrotechnology Day	7275
90-185	Day Of Remembrance Of The Armenian Genocide	7276
90-186	Physical Fitness & Sports Month/Physical Education & Sports Week	7276
90-187	Plant Illinois Week	7277
90-188	Teacher Appreciation Week	7278
90-189	Dairy Queen Day	7278
90-190	Illinois Rivers Appreciation Month	7278
90-191	"Just Say No" Week	7279
90-192	Nurses Week	7279
90-193	Operation Lifesaver Awareness Day	7280
90-194	Take Pride In America Month	7280
90-195	Tourism Week	7281
90-196	Asian American Heritage Month	7281
90-197	Congratulates Edna S. Walden	7282
90-198	Day Of Prayer	7283
90-199	Homes Of The Aging Week	7284
90-200	Richard J. Walsh Day	7284
90-201	Transportation Week	7285
90-202	All Presidents Day	7285
90-203	Congratulates William P. Hopkins	7286
90-204	Day Of Memorial Of The Warsaw Ghetto Uprising	7287
90-205	Little League Day	
90-206	Older Americans Month	

CI - 21

ILLINOIS REGISTER

VOL. 14, ISSUE #40

1990 CUMULATIVE INDEX

OCTOBER 5, 1990

PROCLAMATIONS (CONT'D)

90-207	Students Against Driving Drunk Months	7287
90-208	W. Clement & Jessie V. Stone Day	7288
90-209	Youth Service Day	7289
90-210	Congratulates Eli's Cheesecake	7665
90-211	Coup De Hoop Day	7665
90-212	Foster Parent Month	7666
90-213	Maritime Day	7666
90-214	Metric Week	7667
90-215	Morgan Park Credit Union Day	7667
90-216	Multiple Sclerosis Association Of America Month	8257
90-217	Nurse Recruitment Day	8257
90-217	Nurse Reimbursement Day (Revised)	8751
90-217	Nurse Reimbursement Day (Revised)	8751
90-218	Rehabilitation Facilities Week	7668
90-219	Stamp Collecting Week	7669
90-220	Truman Day	7669
90-221	Congratulates Bishop and Mrs. Mayo	7670
90-222	National Guard 183rd Tactical Fighter Group Day	11415
90-222	National Guard 183rd Tactical Fighter Group Day (Revised)	11415
90-223	Police Memorial Day/National Police Week/National Police Memorial Day	7671
90-225	Israel Bond Day	7671
90-226	Salutes Martin R. Binder & Memories of China	7672
90-227	Small Business Week	7672
90-228	American Home Week	7673
90-229	Motorcycle Awareness Day	7673
90-230	Congratulates Catherine "Kaye" Howell	8257
90-231	Arson Awareness Week	8258
90-232	Exceptional Children's Week	8258
90-233	National Association Of Insurance Women's Week	8259
90-234	Festival Chorus Day	8259
90-235	Buckle-Up America Week	8260
90-236	Centennarians Day	8260
90-237	Chicago College Of Osteopathic Medicine Day	8261
90-238	Start Talking Week	8262
90-239	The Future Of Public Health Week	8262
90-240	Week Of The High Risk Child	8263
90-241	Dr. Jonas Salk Day	8263
90-242	Management Week	8264
90-243	RP Awareness Day	8265
90-244	Comments John Hughes	8266
90-245	Gateway Day	8267
90-246	Mattoon Area Senior Center Day	8268
90-247	Metropolitan Pier & Exposition Authority Employee Longevity Day	8268
90-248	Mother's Day	8268
90-249	Retired Teachers Week	8268
90-250	Year Of The Airborne	8268
90-251	Manufactured Housing Days	8268
90-252	Railroad Women's Day	8268
90-253	Correctional Officer Week	8268
90-254	Volunteer Talent Pool Day	8268
90-255	Better Presentations Month	8268
90-256	Caucus & Center On The Black Aged, Incorporated Day	8752
90-257	Hospital Day	8752
90-258	Housekeeping Week	8753
90-259	United Nations Day	8753
90-260	Beef Month	8754

CI - 22

PROCLAMATIONS (CONT'D)

90-261	High Technology Week	8754
90-262	Illinois Bell Operator Day	8755
90-263	Peace Day	8755
90-264	Cornelia de Lange Awareness Day	8755
90-265	Human Rights Day	8756
90-266	Children's Day	8756
90-267	Dia De La Sonora Matancera	8757
90-268	Sporting Goods Week	8758
90-269	Student Services Corporation Vocational Education Day	8758
90-270	Disaster Areas - Several Counties	9266
90-271	Charlotte Larraia Day	9266
90-272	Illinois State Medical Society Recognition Week	9267
90-273	Mental Health Month	9267
90-274	Neurofibromatosis Awareness Month	9268
90-275	Ortho-Olympics Day	9268
90-276	Pest Control Month	9269
90-277	Pompon Appreciation Day	9269
90-278	Talent-Linkage-Chicago Day	9270
90-279	Spiegel Day	9270
90-280	Women in Management Week	9271
90-281	Congratulates St. Martin De Porres House Of Hope	9627
90-282	LaGrange Nurses Day	9627
90-283	Safe Boating Week	9627
90-284	Argonne Advanced Photon Day	9628
90-285	La Semana De Las Fiestas Patronales De Puerto Rico	9628
90-286	Safety Week	9629
90-287	Disaster Areas - Several Counties	9630
90-288	Illinois Marine Corps League Days	10184
90-289	Seeds Of Interdenominational Family Day	10184
90-290	Certified Nurse Assistant Day	10185
90-291	Lech Walesa Day	10185
90-292	Ohio River Sweep Day	10185
90-292	Ohio River Sweep Day (Revised)	10599
90-293	The Woodlawn Organization Day	10186
90-294	Kid Safe Saturday	10187
90-295	Pharmaceutical Manufacturers Day	10187
90-296	State-Supported Home For Veterans Week	10187
90-297	Special Olympics Adopt-A-Cop Month	10599
90-298	Child Support Enforcement Awareness Week	10600
90-299	Father's Day	10600
90-300	Federal Employee of the Year Day	10601
90-301	Respect Life Week	10601
90-302	Village of Summit Day	10601
90-303	HRMAC Professional Day	10602
90-304	Disaster Areas - Several Counties	10956
90-305	Customer Service Week	10956
90-306	Dairy Month	10957
90-307	David R. Gilbert Day	10957
90-308	Foster Grandparent Recognition Day	10958
90-309	Navy League Of The United States Month	10958
90-310	Mississippi River Revival	10959
90-311	Nation's Black Newspaper Publishers Days	10959
90-312	Paraprofessional & Clerical Support Staff In Personnel Offices Of State Agencies Week	10960
90-313	Reverend Clay Evans Day	10960
90-314	WTC Days	10961
90-315	Flags At Half-Mast Day	10961

PROCLAMATIONS (CONT'D)

90-316	Sigma Gamma Rho Sorority Days	10962
90-317	Soviet & American Pen Pals Day	10962
90-318	The Year Of Mundelin College	10963
90-319	Columbus/Official Quincentennial Town	11415
90-320	Congratulates Older Women's League	11415
90-321	East Central Ill. Business Appreciation Week	11416
90-322	German-American Day	11417
90-323	Arbitration Day	11417
90-324	Bible Week	11417
90-325	Clean Indoor Air Week	11418
90-326	Congratulates Steppenwolf Theatre Company	11418
90-327	Andhra Youth Day	11419
90-328	Bells On Independence Day	11419
90-329	Hostery Week	11420
90-330	Victory Week	11420
90-331	Disaster Areas - Several Counties	11421
90-332	Beep Baseball Week	12122
90-333	Captive Nations Week	12122
90-334	Congratulates Marietta Chile	12123
90-335	Home Care Week	12123
90-336	The Michael Jordan Foundation Day	12124
90-337	Disaster Areas - Several Counties	12338
90-338	Negro League Baseball Players Day	12338
90-339	Push America Day	12339
90-340	Chicago African American Exposition Days	12339
90-341	Stephen T. Hynes Day	12340
90-341	Stephen T. Hynes Day (Revised)	12692
90-342	Emergency Nurses Days	12340
90-343	National Basketball Players Association/Little City Foundation Day	12341
90-344	Otto Whitehill Day	12341
90-345	True Value Fitness-Fun Day	12342
90-346	U.S. Space Observance Days/Space Exploration Day	12343
90-347	Vocational Student Organization Week	12343
90-347	Vocational Student Organization Week (Revised)	13382
90-347	Vocational Student Organization Week (Second Revised)	15637
90-348	Apostle Larry C. Simmons Day	12344
90-349	Firefighters Appreciation Week	12344
90-350	American Business Women's Day	12692
90-351	Broken Arrow Day	12693
90-352	Help Retarded Citizens Days	12693
90-353	Leukemia Awareness Week	12694
90-354	Toastmasters Month	12694
90-355	Adult Day Care Week	12695
90-356	Patriarch Dimitrios Day	12695
90-357	Uruguay Day	12696
90-358	Caus on Holiday Day	12938
90-359	Peruvian Day	12938
90-360	POW/MIA Recognition Day	12938
90-361	Kids For Conservation Day	12939
90-362	Janet Jackson Day	12939
90-363	Disaster Areas - Several Counties	13382
90-364	Basolo 70 Celebration Day	13383
90-365	Miss/Ms. Wheelchair America Week	13383
90-366	Recognizes 75th Anniversary Of The U.S. Naval Reserve	13384
90-367	American Jazz Dance Week	13384
90-368	International Visitors Month	13385

PROCLAMATIONS (CONT'D)

90-369	Morgan Horse Week	13385
90-370	Osteopathic Medicine Week	13386
90-371	Chamber Of Commerce Week	13386
90-372	Dystonia Awareness Day	13387
90-373	Emergency Medical Services Week	13388
90-374	H.M.S. Rose Day	13388
90-375	Paralyzed Veterans Recognition Day	13388
90-376	Veterans Day At The Fair	13389
90-377	Women's Business Ownership Day	13389
90-378	Automotive Parts & Accessories Association Week	13392
90-379	Automotive Parts & Accessories Association Week (Revised)	15178
90-380	Dental Hygiene Week	13902
90-381	Disability Independence Day	13903
90-382	Korean Independence Day	14223
90-383	Women's Equality Day	14223
90-384	Yellowstone Concert Day	14224
90-385	American Energy Awareness Month	14224
90-386	American Indian Day	14225
90-387	Chemistry Day	14225
90-388	Minority Enterprise Development Week	14226
90-389	Notice To Palwaukee Municipal Airport Employees/Social Security Referendum	14226
90-390	Operating Room Nurse Day	14227
90-391	M. C. Hammer Day	14228
90-392	Joseph & Estelle Migala Days	14649
90-393	Renames The Waukegan Developmental Center As The Ann M. Kiley Developmental Center	14649
90-394	JTPA Alumni Week	14650
90-395	Richard Gerdes Day	14651
90-396	Southern Gospel Music Month	14651
90-397	Carlton Fisk Day	14652
90-398	Day Care Home Provider Week	14652
90-399	Literacy Weekend	14653
90-400	Women In Construction Week	14653
90-401	MADD/VW Drive For Life Day	14654
90-402	Names Project Week	14654
90-403	RSVP Volunteer Recognition Day	14655
90-404	School's Open Safety Days	15177
90-405	Disaster Area - Will County	15177
90-406	Disaster Areas - Several Counties	15178
90-407	Fall is for Planting Month	15179
90-408	Head Injury Awareness Month	15179
90-409	Radiologic Technology Week	15179
90-410	Iron Overload Disease Awareness Week	15637
90-411	Henry George Day	15638
90-412	Union Label Week	15638
90-413	Water Quality Awareness Week	15639
90-414	Child Care Worker Week	15639
90-415	Spinal Health Care Month	15639
90-416	Constitution Week	15640
90-417	Illinois Community Colleges Student Activities Week	15640
90-418	Holy Name of Mary Church Congratulated	15641
90-419	Teen Challenge Day	15641
90-420	Hispanic Heritage Week	15642
90-421	Ira S. Loeb Day	15642
90-422	Korean Harvest Day	15643
90-423	Albert Omega Sears Day	16103
	Columbus Day	16103

PROCLAMATIONS (CONT'D)

90-424	Dr. Bernard J. Turnock Extended Gratitude	16103
90-425	Farm Safety Week	16104
90-426	Illinois D.A.R.E. Week	16104
90-427	Mr./Ms. America Championship Days	16105
90-428	Talk About Prescriptions Month	16105
90-429	Year Of The Orchestra	16106
90-430	Bushman Day	16106
90-431	Gold Star Mother's Day	16107
90-432	Hunter Education Week	16107
90-433	Hunting And Fishing Days	16108
90-434	Safety Town Week	16108
90-435	Aviation Education Week	16109
90-436	Child Health Day	16109
90-437	Child Health Day (Revised)	16706
90-438	Edward And Pauline Coyne Day	16110
90-439	Youth Service Project Month	16110
90-440	Chicago Latino Film Festival Day	16111
90-441	Chiropractic Health Care Month	16111
90-442	Inroads, Inc. Day	16112
90-443	Marj Abrams Day	16112
90-444	Coal Awareness Week	16113
90-445	Food Service Employees Week	16113
90-446	Learning Disabilities Month	16113
90-447	Leif Ericsson Day	16114
90-448	Quality Month	16114
90-449	Safe Schools Week	16115
90-450	State Of Israel Bonds Week	16115
90-451	Hispanic State Employment Day	16706
90-452	Alzheimer's Association Congratulated	16707
90-453	Disability Employment Awareness Month	16707
	Futures and Options Week	16708

The Sections Affected Index lists, by Title, each Section of a codified Part on which rulemaking activity has occurred in this volume of the Register and is divided into two parts: the first lists the Sections on which rulemaking activity occurred in the previous issues of this volume year; the second lists the Sections on which rulemaking activity occurred in this issue of the Register. (The headings at the top of each page indicate the two parts: the first part shows the previous issue numbers inclusively and the date of the last published issue; the second lists the current issue number and date.) The columns in both parts indicate the type of rulemaking activity and the action taken along with the page number on which the first page of the notice of rulemaking activity appeared. If a Section on which action is being taken in the current volume (calendar year) of the Register was proposed in a previous volume, the last two digits of the previous volume's year appear immediately after the page number separated by a slash. (e.g. 1 Ill. Adm. Code 100.280 was proposed last year and adopted this year. The action entry reads: (P-8577/89; A-724). The codes for both columns are listed below. For a complete listing of the Title: of the *Illinois Administrative Code*, please refer to 1 Ill. Adm. Code 100.140 or contact the Administrative Code Division.

TYPE OF RULEMAKING		ACTION CODES	
am	= amendment to existing Section	A	= Adopted rule
cc	= codification changes	C	= Correction
n	= new Section	CC	= Codification Changes
r	= repeal of existing Section	E	= Emergency rule
rc	= reclassified	F	= Failure to Remedy Objections
#	= renumbered	M	= Modification
		O	= ICAR Objection
		P	= Proposed rule
		PF	= Prohibited Filing
		PP	= Peremptory rule
		R	= Refusal to Modify or Withdraw Recommendation
		RC	= ICAR Recommendation
		S	= Suspended rule
		W	= Withdrawal of Proposed rule

ILLINOIS REGISTER		SECTIONS AFFECTED INDEX		VOL. 14, ISSUE #40		OCTOBER 5, 1990	
TITLE 2							
150.220	am	(A-3049)		2701.24	n	(A-12543)	
150.220	am	(A-3049)		2701.27	n	(A-12543)	
150.220	am	(A-3049)		2701.30	n	(A-12543)	
551.40	am	(A-13852)		2701.30	n	(A-12543)	
552.10	am	(A-6854)		2701.30	n	(A-12543)	
625.55	am	(A-186)		2701.30	n	(A-12543)	
700.20	am	(A-9009)		5176.110	am	(A-14387)	
700.30	am	(A-584)		5176.120	n	(A-14387)	
700.40	am	(A-584)		TITLE 3			
700.50	am	(A-584)		600.10	am	(P-3349; A-12531)	
700.70	am	(A-584)		600.20	am	(P-3349; A-12531)	
700.80	am	(A-584)		600.40	am	(P-3349; A-12531)	
700.100	am	(A-584)		600.60	am	(P-3349; A-12531)	
700.140	am	(A-584)		600.70	am	(P-3349; A-12531)	
700.140	am	(A-584)		600.80	am	(P-3349; A-12531)	
700.140	am	(A-584)		600.85	r	(P-3349; A-12531)	
700.140	am	(A-584)		600.90	am	(P-3349; A-12531)	
700.140	am	(A-584)		TITLE 8			
700.140	am	(A-584)		5.220	r	(P-3711; A-10308)	
700.140	am	(A-584)		5.230	r	(P-3711; A-10308)	
700.140	am	(A-584)		40.5	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		40.6	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		40.6	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		40.170	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		40.190	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		45.20	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		45.150	am	(P-15950/89; A-1943)	
700.140	am	(A-584)		75.50	am	(P-15915/89; A-1911)	
700.140	am	(A-584)		75.120	am	(P-15915/89; A-1911)	
700.140	am	(A-584)		75.190	am	(P-15915/89; A-1911)	
700.140	am	(A-584)		75.210	am	(P-15915/89; A-1911)	
700.140	am	(A-584)		80.10	am	(P-15938/89; A-1931)	
700.140	am	(A-584)		80.110	am	(P-15938/89; A-1931)	
700.140	am	(A-584)		85.5	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.15	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.50	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.75	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.80	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.100	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.110	am	(P-15926/89; A-1919)	
700.140	am	(A-584)		85.115	n	(P-8768; A-15313)	
700.140	am	(A-584)		100.10	am	(P-15960/89; A-1953)	
700.140	am	(A-584)		100.30	am	(P-15960/89; A-1953)	
700.140	am	(A-584)		105.10	am	(P-15968/89; A-1961)	
700.140	am	(A-584)		105.30	am	(P-15968/89; A-1961)	
700.140	am	(A-584)		110.20	am	(P-8777; A-15322)	
700.140	am	(A-584)		110.40	am	(P-8777; A-15322)	
700.140	am	(A-584)		110.90	am	(P-8759; A-15304)	
700.140	am	(A-584)		110.110	am	(P-8759; A-15304)	
700.140	am	(A-584)		110.120	am	(P-15911/89; A-1907)	
700.140	am	(A-584)		115.20	am	(P-15911/89; A-1907)	
700.140	am	(A-584)		115.40	am	(P-15942/89; A-1935)	
700.140	am	(A-584)		115.50	am	(P-15942/89; A-1935)	
700.140	am	(A-584)		115.80	am	(P-19329/89; A-5065)	
700.140	am	(A-584)		115.80	am	(P-15942/89; A-1935)	
700.140	am	(A-584)		125.10	am	(P-15318)	
700.140	am	(A-584)		125.90	am	(P-16625/89; A-3424)	
700.140	am	(A-584)		125.190	am	(P-16625/89; A-3424)	
700.140	am	(A-584)		125.200	am	(PP-4953)	
700.140	am	(A-584)		125.260	am	(PP-4953) (PP-13355)	
700.140	am	(A-584)		125.270	am	(PP-4953) (PP-16064)	
700.140	am	(A-584)		125.280	am	(PP-4953) (PP-16064)	

TITLE 8 (CONT'D)			TITLE 14 (CONT'D)		
439.90	(P-5751; A-13847)	n	(P-5751; A-13847)	130.442	am
439.100	(P-16625/89; A-3424)	n	(P-5751; A-13847)	130.491	n
125.305	(P-16625/89; A-3424)	n	(P-5751; A-13847)	130.510	am
439.120	(PP-4953)	n	(P-5751; A-13847)	130.530	n
439.130	(PP-4953) (PP-11401)	n	(P-8975)	130.532	am
440.10	(PP-16064)	n	(P-8975)	130.533	am
440.20	(P-10965)	n	(P-8975)	130.550	am
440.30	(P-19837/89; A-5072)	n	(P-8975)	130.610	am
440.40		n	(P-8975)	130.630	am
440.50		n	(P-8975)	130.650	am
440.60	(P-1224; A-11310)	n	(P-8975)	130.700	am
440.70	(P-8957)	n	(P-8975)	130.701	am
440.80	(P-8542)	n	(P-8975)	130.710	am
440.90	(P-8086)	n	(P-8975)	130.715	am
440.100	(P-12389)	n	(P-8975)	130.730	am
440.110	(P-8964)	n	(P-8975)	130.750	am
440.120		n	(P-8975)	130.805	am
440.130	(P-8557)	n	(P-8975)	130.810	am
440.140	(P-1601; A-11317)	n	(P-8975)	130.820	am
440.150	(P-1849; A-12265)	n	(P-8975)	130.821	am
440.160	(P-10705)	am	(P-8952)	130.822	am
502.820		am	(P-10171/89; A-8186)	130.823	n
509.40	(P-1597; A-11314)	am	(P-10679)	130.824	am
509.150	(P-7406; A-14978)	am	(P-10679)	130.826	am
509.190	(P-7406; A-14978)	am	(P-10679)	130.827	am
509.240	(P-7406; A-14978)	am	(P-10679)	130.828	am
509.260	(P-7406; A-14978)	am	(P-10679)	130.829	am
509.265	(P-7406; A-14978)	am	(P-8079)	130.832	am
510.200	(P-7406; A-14978)	am	(P-8079)	130.840	am
510.210	(P-7406; A-14978)	am	(P-10687)	130.841	am
1305.120	(P-7406; A-14978)	am	(P-8967)	130.842	am
1305.120	(P-7406; A-14978)	am	(P-8967)	130.844	am
1305.250	(P-7406; A-14978)	am	(P-8967)	130.846	am
1305.310	(P-7406; A-14978)	n	(P-14750)	130.847	am
1312.265	(P-7406; A-14978)	am	(P-14750)	130.852	am
1317.70	(P-7411; A-14982)	am	(P-8083)	130.860	am
1325.120	(P-7411; A-14982)	am	(P-8090)	130.1100	am
1325.130	(P-7411; A-14982)	am	(P-8553)	130.1101	am
1413.48	(P-7411; A-14982)	am	(P-12385)	130.1102	am
1415.160	(P-7411; A-14982)	am	(P-10696)	130.1103	am
1424.140	(P-7411; A-14982)	n	(P-10691)	130.1104	am
1424.150	(P-7411; A-14982)	n	(P-10691)	130.1105	am
1424.175	(P-7411; A-14982)	am	(P-10691)	130.1106	am
1424.230	(P-7411; A-14982)	am	(P-8971)	130.1107	am
1424.240	(P-12393)	am	(P-10691)	130.1108	am
433.35	(P-10700)	r	(P-8948)	130.1109	am
433.295	(P-10700)	r	(P-10675)	130.1110	#
433.298		n		130.1110	n
438.10	(P-8546)	n		130.1111	n
438.20	(P-8546)	n		130.1111	#
438.30	(P-8546)	n		130.1111	am
438.35	(P-8546)	n		130.1111	am
438.40	(P-8546)	n		130.1112	am
438.50	(P-8546)	n		130.1113	am
438.60	(P-8546)	n		130.1114	n
438.70	(P-8546)	n		130.1115	n
438.80	(P-8546)	n		130.1116	n
438.90	(P-8546)	n		130.1117	n
439.00	(P-8546)	n		130.1118	n
439.100	(P-8546)	n		130.1119	n
439.110	(P-8546)	n		130.1120	n
439.120	(P-8546)	n		130.1121	am
439.130	(P-8546)	n		130.1122	am
439.140	(P-8546)	n		130.1123	am
439.150	(P-8546)	n		130.1124	am
439.160	(P-8546)	n		130.1125	am
439.170	(P-8546)	n		130.1126	am
439.180	(P-8546)	n		130.1127	am
439.190	(P-8546)	n		130.1128	am
439.200	(P-8546)	n		130.1129	am
439.210	(P-8546)	n		130.1130	am
439.220	(P-8546)	n		130.1131	am
439.230	(P-8546)	n		130.1132	am
439.240	(P-8546)	n		130.1133	am
439.250	(P-8546)	n		130.1134	n
439.260	(P-8546)	n		130.1135	n
439.270	(P-8546)	n		130.1136	n
439.280	(P-8546)	n		130.1137	n
439.290	(P-8546)	n		130.1138	n
439.300	(P-8546)	n		130.1139	n
439.310	(P-8546)	n		130.1140	n
439.320	(P-8546)	n		130.1141	n
439.330	(P-8546)	n		130.1142	n
439.340	(P-8546)	n		130.1143	n
439.350	(P-8546)	n		130.1144	n
439.360	(P-8546)	n		130.1145	n
439.370	(P-8546)	n		130.1146	n
439.380	(P-8546)	n		130.1147	n
439.390	(P-8546)	n		130.1148	n
439.400	(P-8546)	n		130.1149	n
439.410	(P-8546)	n		130.1150	n
439.420	(P-8546)	n		130.1151	n
439.430	(P-8546)	n		130.1152	n
439.440	(P-8546)	n		130.1153	n
439.450	(P-8546)	n		130.1154	n
439.460	(P-8546)	n		130.1155	n
439.470	(P-8546)	n		130.1156	n
439.480	(P-8546)	n		130.1157	n
439.490	(P-8546)	n		130.1158	n
439.500	(P-8546)	n		130.1159	n
439.510	(P-8546)	n		130.1160	n
439.520	(P-8546)	n		130.1161	n
439.530	(P-8546)	n		130.1162	n
439.540	(P-8546)	n		130.1163	n
439.550	(P-8546)	n		130.1164	n
439.560	(P-8546)	n		130.1165	n
439.570	(P-8546)	n		130.1166	n
439.580	(P-8546)	n		130.1167	n
439.590	(P-8546)	n		130.1168	n
439.600	(P-8546)	n		130.1169	n
439.610	(P-8546)	n		130.1170	n
439.620	(P-8546)	n		130.1171	n
439.630	(P-8546)	n		130.1172	n
439.640	(P-8546)	n		130.1173	n
439.650	(P-8546)	n		130.1174	n
439.660	(P-8546)	n		130.1175	n
439.670	(P-8546)	n		130.1176	n
439.680	(P-8546)	n		130.1177	n
439.690	(P-8546)	n		130.1178	n
439.700	(P-8546)	n		130.1179	n
439.710	(P-8546)	n		130.1180	n
439.720	(P-8546)	n		130.1181	n
439.730	(P-8546)	n		130.1182	n
439.740	(P-8546)	n		130.1183	n
439.750	(P-8546)	n		130.1184	n
439.760	(P-8546)	n		130.1185	n
439.770	(P-8546)	n		130.1186	n
439.780	(P-8546)	n		130.1187	n
439.790	(P-8546)	n		130.1188	n
439.800	(P-8546)	n		130.1189	n
439.810	(P-8546)	n		130.1190	n
439.820	(P-8546)	n		130.1191	n
439.830	(P-8546)	n		130.1192	n
439.840	(P-8546)	n		130.1193	n
439.850	(P-8546)	n		130.1194	n
439.860	(P-8546)	n		130.1195	n
439.870	(P-8546)	n		130.1196	n
439.880	(P-8546)	n		130.1197	n
439.890	(P-8546)	n		130.1198	n
439.900	(P-8546)	n		130.1199	n
439.910	(P-8546)	n		130.1200	n
439.920	(P-8546)	n		130.1201	n
439.930	(P-8546)	n		130.1202	n
439.940	(P-8546)	n		130.1203	n
439.950	(P-8546)	n		130.1204	n
439.960	(P-8546)	n		130.1205	n
439.970	(P-8546)	n		130.1206	n
439.980	(P-8546)	n		130.1207	n
439.990	(P-8546)	n		130.1208	n
440.000	(P-8546)	n		130.1209	n
440.010	(P-8546)	n		130.1210	n
440.020	(P-8546)	n		130.1211	n
440.030	(P-8546)	n		130.1212	n
440.040	(P-8546)	n		130.1213	n
440.050	(P-8546)	n		130.1214	n
440.060	(P-8546)	n		130.1215	n
440.070	(P-8546)	n		130.1216	n
440.080	(P-8546)	n		130.1217	n
440.090	(P-8546)	n		130.1218	n
440.100	(P-8546)	n		130.1219	n
440.110	(P-8546)	n		130.1220	n
440.120	(P-8546)	n		130.1221	n
440.130	(P-8546)	n		130.1222	n
440.140	(P-8546)	n		130.1223	n
440.150	(P-8546)	n		130.1224	n
440.160	(P-8546)	n		130.1225	n
440.170	(P-8546)	n		130.1226	n
440.180	(P-8546)	n		130.1227	n
440.190	(P-8546)	n		130.1228	n
440.200	(P-8546)	n		130.1229	n
440.210	(P-8546)	n		130.1230	n
440.220	(P-8546)	n		130.1231	n
440.230	(P-8546)	n		130.1232	n
440.240	(P-8546)	n		130.1233	n
440.250	(P-8546)	n		130.1234	n
440.260	(P-8546)	n		130.1235	n
440.270	(P-8546)	n		130.1236	n
440.280	(P-8546)	n		130.1237	n
440.290	(P-8546)	n		130.1238	n
440.300	(P-8546)	n		130.1239	n
440.310	(P-8546)	n		130.1240	n
440.320	(P-8546)	n		130.1241	n
440.330	(P-8546)	n		130.1242	n
440.340	(P-8546)	n		130.1243	n
440.350	(P-8546)	n		130.1244	n
440.360	(P-8546)	n		130.1245	n
440.370	(P-8546)	n		130.1246	n
440.380	(P-8546)	n		130.1247	n
440.390	(P-8546)	n		130.1248	n
440.400	(P-8546)	n		130.1249	n
440.410	(P-8546)	n		130.1250	n
440.420	(P-8546)	n		130.1251	n
440.430	(P-8546)	n		130.1252	n
440.440	(P-8546)	n		130.1253	n
440.450	(P-8546)	n		130.1254	n
440.460	(P-8546)	n		130.1255	n
440.470	(P-8546)	n		130.1256	n
440.480	(P-8546)	n		130.1257	n
440.490	(P-8546)	n		130.1258	n
440.500	(P-8546)	n		130.1259	n
440.510	(P-8546)	n		130.1260	n
440.520	(P-8546)	n		130.1261	n
440.530	(P-8546)	n		130.1262	n
440.540	(P-8546)	n		130.1263	n
440.550	(P-8546)	n		130.1264	n
440.560	(P-8546)	n		130.1265	n
440.570	(P-8546)	n		130.1266	n
440.580	(P-8546)	n		130.1267	n
440.590	(P-8546)	n		130.1268	n
440.600	(P-8546)	n		130.1269	n
440.610	(P-8546)	n		130.1270	n
440.620	(P-8546)	n		130.1271	n
440.630	(P-8546)	n		130.1272	n
440.640	(P-8546)	n		130.1273	n
440.650	(P-8546)	n		130.1274	n
440.660	(P-8546)	n		130.1275	n
440.670	(P-8546)	n		130.	

VOL. 14, ISSUE #40 ILLINOIS REGISTER OCTOBER 5, 1990

VOL. 14, ISSUE #40		SECTIONS AFFECTED INDEX		OCTOBER 5, 1990	
TITLE 17 (CONT'D)		TITLE 17 (CONT'D)		TITLE 17 (CONT'D)	
550.20	ann	(P-15509/89; A-638) (P-3776; A-10798)	1050.40	ann	(P-455; A-6123)
550.30	ann	(P-3776; A-10798)	1070.10	ann	(P-11052)
570.20	ann	(P-3764; A-14775) (P-13108)	1070.20	ann	(P-11052)
570.30	ann	(P-3764; A-14775) (P-13108)	1070.30	ann	(P-11052)
570.40	ann	(P-3764; A-14775)	1070.60	ann	(P-11052)
590.10	ann	(P-4996; A-13529)	1075.10	n	(P-11033; C-13366)
590.20	ann	(P-4996; A-13529)	1075.20	n	(P-11033; C-13366)
590.25	ann	(P-4996; A-13529)	1075.30	n	(P-11033; C-13366)
590.40	ann	(P-4996; A-13529)	1075.40	n	(P-11033; C-13366)
590.50	ann	(P-4996; A-13529)	1075.50	n	(P-11033; C-13366)
590.60	ann	(P-15509/89; A-638) (P-4996; A-13529)	1075.60	n	(P-11033; C-13366)
590.Ex.A	ann	(P-4996; A-13529)	1075.70	n	(P-11033; C-13366)
650.10	ann	(P-4385; A-12430)	1075.80	n	(P-11033; C-13366)
650.20	ann	(P-4385; A-12430)	1530.10	ann	(P-11047)
650.21	ann	(P-4385; A-12430)	1530.60	ann	(P-11047)
650.22	ann	(P-4385; A-12430)	1536.20	ann	(P-8289)
650.30	ann	(P-4385; A-12430)	1536.25	n	(P-8289)
650.40	ann	(P-4385; A-12430)	1536.30	ann	(P-8289)
650.50	ann	(P-4385; A-12430)	1536.40	ann	(P-8289)
650.60	ann	(P-4385; A-12430)	1536.50	ann	(P-8289)
670.10	ann	(P-4372; A-14787)	1536.60	ann	(P-8289)
670.30	ann	(P-4372; A-14787)	1536.70	ann	(P-8289)
670.40	ann	(P-4372; A-14787)	1536.80	ann	(P-8289)
670.50	ann	(P-4372; A-14787)	1536.100	ann	(P-8289)
670.55	ann	(P-4372; A-14787)	1537.10	ann	(P-8273)
670.60	ann	(P-4372; A-14787)	1537.15	ann	(P-8273)
690.30	ann	(P-3794; A-10816) (P-11437)	1537.20	ann	(P-8273)
710.10	ann	(P-15534/89; A-663)	1537.25	ann	(P-8273)
710.20	ann	(P-15534/89; A-663)	1537.30	ann	(P-8273)
710.30	ann	(P-15534/89; A-663)	1537.35	ann	(P-8273)
710.50	ann	(P-15534/89; A-663)	1537.40	n	(P-8273)
715.10	ann	(P-4363; A-12421)	1537.42	n	(P-8273)
715.20	ann	(P-4363; A-12421)	1537.45	n	(P-8273)
715.30	ann	(P-4363; A-12421)	1537.50	ann	(P-8273)
715.40	ann	(P-4363; A-12421)	1537.55	ann	(P-8273)
720.10	ann	(P-4355; A-12413)	1537.60	ann	(P-8273)
720.20	ann	(P-4355; A-12413)	1537.65	ann	(P-8273)
720.40	ann	(P-4355; A-12413)	1537.70	ann	(P-8273)
730.20	ann	(P-3743; A-11193)	1537.75	ann	(P-8273)
730.30	ann	(P-3743; A-11193)	1537.80	ann	(P-8273)
740.10	ann	(P-3802; A-11207)	1537.85	ann	(P-8273)
740.20	ann	(P-3802; A-11207)	1537.90	n	(P-8273)
745.10	n	(P-4351; A-14771)	1537.Ex.A	ann	(P-8273)
745.10	r	(P-5647; A-14769)	1537.Ex.B	ann	(P-8273)
745.20	ann	(P-4351; A-14771)	1590.20	ann	(P-17174/89; A-6088)
745.20	r	(P-5647; A-14769)	1590.50	ann	(P-17174/89; A-6088)
745.30	n	(P-4351; A-14771)	1590.70	ann	(P-16174)
745.30	r	(P-5647; A-14769)	1590.80	ann	(P-17174/89; A-6088)
750.10	ann	(P-4985; A-13519)	1590.90	ann	(P-17174/89; A-6088)
810.10	ann	(P-491; A-6164)	1590.100	ann	(P-16174)
810.20	ann	(P-491; A-6164)	1590.100	ann	(P-17174/89; A-6088)
810.30	ann	(P-491; A-6164) (P-9634)	3030.30	n	(P-17174/89; A-6088)
810.40	ann	(P-9634)	3030.40	ann	(P-478; A-6149)
810.70	ann	(P-2419; A-8588)	3030.50	ann	(P-478; A-6149)
810.100	n	(P-491; A-6164)	3030.10	ann	(P-442; RC-5896; A-6106)
870.80	ann	(P-3717; A-11190)	3040.10	n	(P-442; RC-5896; A-6106)
950.30	ann	(P-4990; A-13524)	3040.20	n	(P-442; RC-5896; A-6106)
950.40	ann	(P-4990; A-13524)	3040.30	n	(P-442; RC-5896; A-6106)
950.50	ann	(P-4955; A-6123)	3040.40	n	(P-442; RC-5896; A-6106)

SAI-5

VOL. 14, ISSUE #40 ILLINOIS REGISTER OCTOBER 5, 1990

OCTOBER 5, 1991

LEADS REGISTER

SECTION AFFECTED INDEX

VOL. 14, ISSUE #40

TITLE 14 (CONT'D)

545 130	n	(P-19336/89; A-9016)	610.60	am	(P-7300)
545 140	n	(P-19336/89; A-9016)	640.10	n	(P-13391)
545 150	n	(P-19336/89; A-9016)	640.20	n	(P-13391)
545 160	n	(P-19336/89; A-9016)	640.30	n	(P-13391)
545 170	n	(P-19336/89; A-9016)	640.40	n	(P-13391)
545 180	n	(P-19336/89; A-9016)	640.50	n	(P-13391)
545 190	n	(P-19336/89; A-9016)	640.60	n	(P-13391)
545 200	n	(P-19336/89; A-9016)	640.70	n	(P-13391)
545 210	n	(P-19336/89; A-9016)	640.80	n	(P-13391)
545 220	n	(P-19336/89; A-9016)	640.90	n	(P-13391)
545 230	n	(P-19336/89; A-9016)	640.100	n	(P-13391)
545 240	n	(P-19336/89; A-9016)	640.110	n	(P-13391)
545 250	n	(P-19336/89; A-9016)	640.120	n	(P-13391)
545 260	n	(P-19336/89; A-9016)	640.130	n	(P-13391)
545 270	n	(P-19336/89; A-9016)	640.140	n	(P-13391)
545 280	n	(P-19336/89; A-9016)	640.150	n	(P-13391)
545 290	n	(P-19336/89; A-9016)	640.160	n	(P-13391)
545 300	n	(P-19336/89; A-9016)	640.170	n	(P-13391)
545 310	n	(P-19336/89; A-9016)	640.180	n	(P-13391)
545 320	n	(P-19336/89; A-9016)	640.190	n	(P-13391)
545 330	n	(P-19336/89; A-9016)	640.200	n	(P-13391)
545 340	n	(P-19336/89; A-9016)	640.210	n	(P-13391)
545 350	n	(P-19336/89; A-9016)	640.220	n	(P-13391)
545 360	n	(P-19336/89; A-9016)	640.230	n	(P-13391)
545 370	n	(P-19336/89; A-9016)	640.240	n	(P-13391)
545 380	n	(P-19336/89; A-9016)	640.250	n	(P-13391)
545 390	n	(P-19336/89; A-9016)	640.260	n	(P-13391)
545 400	n	(P-19336/89; A-9016)	640.270	n	(P-13391)
545 410	n	(P-19336/89; A-9016)	640.280	n	(P-13391)
545 420	n	(P-19336/89; A-9016)	640.290	n	(P-13391)
545 430	n	(P-19336/89; A-9016)	640.300	n	(P-13391)
545 440	n	(P-19336/89; A-9016)	640.310	n	(P-13391)
545 450	n	(P-19336/89; A-9016)	640.320	n	(P-13391)
545 460	n	(P-19336/89; A-9016)	640.330	n	(P-13391)
545 470	n	(P-19336/89; A-9016)	640.340	n	(P-13391)
545 480	n	(P-19336/89; A-9016)	640.350	n	(P-13391)
545 490	n	(P-19336/89; A-9016)			
545 500	n	(P-19336/89; A-9016)			
550 10	am	(P-17567/89; A-5091)			
550 20	am	(P-17567/89; A-5091)			
550 30	am	(P-8782)			
550 35	n	(P-17567/89; A-5091)			
550 35	am	(P-8782)			
550 40	am	(P-17567/89; A-5091)			
550 50	am	(P-17567/89; A-5091)			
550 60	am	(E-5565; O-10159; R-12686)			
590 25	am	(P-7291)			
590 30	am	(P-7291)			
590 92	am	(P-7291)			
610 20	am	(P-7300)			
610 25	am	(P-7300)			
610 30	am	(P-7300)			
610 40	am	(P-7300)			

TITLE 17

130.60	am	(P-4340; A-12402)
130.70	am	(P-4340; A-12402)
130.80	am	(P-4340; A-12402)
130.90	am	(P-4340; A-12402)
130.100	am	(P-4340; A-12402)
130.130	am	(P-4340; A-12402)
210.30	am	(P-16892/89; A-2013)
210.35	am	(P-16892/89; A-2013)
220.20	am	(P-16182)
220.30	am	(P-16182)
220.40	am	(P-16182)
220.50	am	(P-16182)
220.60	am	(P-16182)
510.10	am	(P-3757; A-14762)
520.30	am	(P-3789; A-10811)
530.10	am	(P-3720; A-10775)
530.20	am	(P-3720; A-10775)
530.80	am	(P-3720; A-10775)
530.90	am	(P-3720; A-10775)
530.100	am	(P-3720; A-10775)
530.105	am	(P-3720; A-10775)
530.110	am	(P-3720; A-10775)
530.120	am	(P-3720; A-10775)
550.10	am	(P-3776; A-10798)

SAI-4

TITLE 17 (CONT'D)		TITLE 23 (CONT'D)		TITLE 29		TITLE 35		TITLE 41		TITLE 47		TITLE 53		TITLE 59		TITLE 65		TITLE 71		TITLE 77		TITLE 83		TITLE 89		TITLE 95		TITLE 101		TITLE 107		TITLE 113		TITLE 119		TITLE 125		TITLE 131		TITLE 137		TITLE 143		TITLE 149		TITLE 155		TITLE 161		TITLE 167		TITLE 173		TITLE 179		TITLE 185		TITLE 191		TITLE 197		TITLE 203		TITLE 209		TITLE 215		TITLE 221		TITLE 227		TITLE 233		TITLE 239		TITLE 245		TITLE 251		TITLE 257		TITLE 263		TITLE 269		TITLE 275		TITLE 281		TITLE 287		TITLE 293		TITLE 299		TITLE 305		TITLE 311		TITLE 317		TITLE 323		TITLE 329		TITLE 335		TITLE 341		TITLE 347		TITLE 353		TITLE 359		TITLE 365		TITLE 371		TITLE 377		TITLE 383		TITLE 389		TITLE 395		TITLE 401		TITLE 407		TITLE 413		TITLE 419		TITLE 425		TITLE 431		TITLE 437		TITLE 443		TITLE 449		TITLE 455		TITLE 461		TITLE 467		TITLE 473		TITLE 479		TITLE 485		TITLE 491		TITLE 497		TITLE 503		TITLE 509		TITLE 515		TITLE 521		TITLE 527		TITLE 533		TITLE 539		TITLE 545		TITLE 551		TITLE 557		TITLE 563		TITLE 569		TITLE 575		TITLE 581		TITLE 587		TITLE 593		TITLE 599		TITLE 605		TITLE 611		TITLE 617		TITLE 623		TITLE 629		TITLE 635		TITLE 641		TITLE 647		TITLE 653		TITLE 659		TITLE 665		TITLE 671		TITLE 677		TITLE 683		TITLE 689		TITLE 695		TITLE 701		TITLE 707		TITLE 713		TITLE 719		TITLE 725		TITLE 731		TITLE 737		TITLE 743		TITLE 749		TITLE 755		TITLE 761		TITLE 767		TITLE 773		TITLE 779		TITLE 785		TITLE 791		TITLE 797		TITLE 803		TITLE 809		TITLE 815		TITLE 821		TITLE 827		TITLE 833		TITLE 839		TITLE 845		TITLE 851		TITLE 857		TITLE 863		TITLE 869		TITLE 875		TITLE 881		TITLE 887		TITLE 893		TITLE 899		TITLE 905		TITLE 911		TITLE 917		TITLE 923		TITLE 929		TITLE 935		TITLE 941		TITLE 947		TITLE 953		TITLE 959		TITLE 965		TITLE 971		TITLE 977		TITLE 983		TITLE 989		TITLE 995		TITLE 1001		TITLE 1007		TITLE 1013		TITLE 1019		TITLE 1025		TITLE 1031		TITLE 1037		TITLE 1043		TITLE 1049		TITLE 1055		TITLE 1061		TITLE 1067		TITLE 1073		TITLE 1079		TITLE 1085		TITLE 1091		TITLE 1097		TITLE 1103		TITLE 1109		TITLE 1115		TITLE 1121		TITLE 1127		TITLE 1133		TITLE 1139		TITLE 1145		TITLE 1151		TITLE 1157		TITLE 1163		TITLE 1169		TITLE 1175		TITLE 1181		TITLE 1187		TITLE 1193		TITLE 1199		TITLE 1205		TITLE 1211		TITLE 1217		TITLE 1223		TITLE 1229		TITLE 1235		TITLE 1241		TITLE 1247		TITLE 1253		TITLE 1259		TITLE 1265		TITLE 1271		TITLE 1277		TITLE 1283		TITLE 1289		TITLE 1295		TITLE 1301		TITLE 1307		TITLE 1313		TITLE 1319		TITLE 1325		TITLE 1331		TITLE 1337		TITLE 1343		TITLE 1349		TITLE 1355		TITLE 1361		TITLE 1367		TITLE 1373		TITLE 1379		TITLE 1385		TITLE 1391		TITLE 1397		TITLE 1403		TITLE 1409		TITLE 1415		TITLE 1421		TITLE 1427		TITLE 1433		TITLE 1439		TITLE 1445		TITLE 1451		TITLE 1457		TITLE 1463		TITLE 1469		TITLE 1475		TITLE 1481		TITLE 1487		TITLE 1493		TITLE 1499		TITLE 1505		TITLE 1511		TITLE 1517		TITLE 1523		TITLE 1529		TITLE 1535		TITLE 1541		TITLE 1547		TITLE 1553		TITLE 1559		TITLE 1565		TITLE 1571		TITLE 1577		TITLE 1583		TITLE 1589		TITLE 1595		TITLE 1601		TITLE 1607		TITLE 1613		TITLE 1619		TITLE 1625		TITLE 1631		TITLE 1637		TITLE 1643		TITLE 1649		TITLE 1655		TITLE 1661		TITLE 1667		TITLE 1673		TITLE 1679		TITLE 1685		TITLE 1691		TITLE 1697		TITLE 1703		TITLE 1709		TITLE 1715		TITLE 1721		TITLE 1727		TITLE 1733		TITLE 1739		TITLE 1745		TITLE 1751		TITLE 1757		TITLE 1763		TITLE 1769		TITLE 1775		TITLE 1781		TITLE 1787		TITLE 1793		TITLE 1799		TITLE 1805		TITLE 1811		TITLE 1817		TITLE 1823		TITLE 1829		TITLE 1835		TITLE 1841		TITLE 1847		TITLE 1853		TITLE 1859		TITLE 1865		TITLE 1871		TITLE 1877		TITLE 1883		TITLE 1889		TITLE 1895		TITLE 1901		TITLE 1907		TITLE 1913		TITLE 1919		TITLE 1925		TITLE 1931		TITLE 1937		TITLE 1943		TITLE 1949		TITLE 1955		TITLE 1961		TITLE 1967		TITLE 1973		TITLE 1979		TITLE 1985		TITLE 1991		TITLE 1997		TITLE 2003		TITLE 2009		TITLE 2015		TITLE 2021		TITLE 2027		TITLE 2033		TITLE 2039		TITLE 2045		TITLE 2051		TITLE 2057		TITLE 2063		TITLE 2069		TITLE 2075		TITLE 2081		TITLE 2087		TITLE 2093		TITLE 2099		TITLE 2105		TITLE 2111		TITLE 2117		TITLE 2123		TITLE 2129		TITLE 2135		TITLE 2141		TITLE 2147		TITLE 2153		TITLE 2159		TITLE 2165		TITLE 2171		TITLE 2177		TITLE 2183		TITLE 2189		TITLE 2195		TITLE 2201		TITLE 2207		TITLE 2213		TITLE 2219		TITLE 2225		TITLE 2231		TITLE 2237		TITLE 2243		TITLE 2249		TITLE 2255		TITLE 2261		TITLE 2267		TITLE 2273		TITLE 2279		TITLE 2285		TITLE 2291		TITLE 2297		TITLE 2303		TITLE 2309		TITLE 2315		TITLE 2321		TITLE 2327		TITLE 2333		TITLE 2339		TITLE 2345		TITLE 2351		TITLE 2357		TITLE 2363		TITLE 2369		TITLE 2375		TITLE 2381		TITLE 2387		TITLE 2393		TITLE 2399		TITLE 2405		TITLE 2411		TITLE 2417		TITLE 2423		TITLE 2429		TITLE 2435		TITLE 2441		TITLE 2447		TITLE 2453		TITLE 2459		TITLE 2465		TITLE 2471		TITLE 2477		TITLE 2483		TITLE 2489		TITLE 2495		TITLE 2501		TITLE 2507		TITLE 2513		TITLE 2519		TITLE 2525		TITLE 2531		TITLE 2537		TITLE 2543		TITLE 2549		TITLE 2555		TITLE 2561		TITLE 2567		TITLE 2573		TITLE 2579		TITLE 2585		TITLE 2591		TITLE 2597		TITLE 2603		TITLE 2609		TITLE 2615		TITLE 2621		TITLE 2627		TITLE 2633		TITLE 2639		TITLE 2645		TITLE 2651		TITLE 2657		TITLE 2663		TITLE 2669		TITLE 2675		TITLE 2681		TITLE 2687		TITLE 2693		TITLE 2699		TITLE 2705		TITLE 2711		TITLE 2717		TITLE 2723		TITLE 2729		TITLE 2735		TITLE 2741		TITLE 2747		TITLE 2753		TITLE 2759		TITLE 2765		TITLE 2771		TITLE 2777		TITLE 2783		TITLE 2789		TITLE 2795		TITLE 2801		TITLE 2807		TITLE 2813		TITLE 2819		TITLE 2825		TITLE 2831		TITLE 2837		TITLE 2843		TITLE 2849		TITLE 2855		TITLE 2861		TITLE 2867		TITLE 2873		TITLE 2879		TITLE 2885		TITLE 2891		TITLE 2897		TITLE 2903		TITLE 2909		TITLE 2915		TITLE 2921		TITLE 2927		TITLE 2933		TITLE 2939		TITLE 2945		TITLE 2951		TITLE 2957		TITLE 2963		TITLE 2969		TITLE 2975		TITLE 2981		TITLE 2987		TITLE 2993		TITLE 2999		TITLE 3005		TITLE 3011		TITLE 3017		TITLE 3023		TITLE 3029		TITLE 3035		TITLE 3041		TITLE 3047		TITLE 3053		TITLE 3059		TITLE 3065		TITLE 3071		TITLE 3077		TITLE 3083		TITLE 3089		TITLE 3095		TITLE 3101		TITLE 3107		TITLE 3113		TITLE 3119		TITLE 3125		TITLE 3131		TITLE 3137		TITLE 3143		TITLE 3149		TITLE 3155		TITLE 3161		TITLE 3167		TITLE 3173		TITLE 3179		TITLE 3185		TITLE 3191		TITLE 3197		TITLE 3203		TITLE 3209		TITLE 3215		TITLE 3221		TITLE 3227		TITLE 3233		TITLE 3239		TITLE 3245		TITLE 3251		TITLE 3257		TITLE 3263		TITLE 3269		TITLE 3275		TITLE 3281		TITLE 3287		TITLE 3293		TITLE 3299		TITLE 3305		TITLE 3311		TITLE 3317		TITLE 3323		TITLE 3329		TITLE 3335		TITLE 3341		TITLE 3347		TITLE 3353		TITLE 3359		TITLE 3365		TITLE 3371		TITLE 3377		TITLE 3383		TITLE 3389		TITLE 3395		TITLE 3401		TITLE 3407		TITLE 3413		TITLE 3419		TITLE 3425		TITLE 3431		TITLE 3437		TITLE 3443		TITLE 3449		TITLE 3455		TITLE 3461		TITLE 3467		TITLE 3473		TITLE 3479		TITLE 3485		TITLE 3491		TITLE 3497		TITLE 3503		TITLE 3509		TITLE 3515		TITLE 3521		TITLE 3527		TITLE 3533		TITLE 3539		TITLE 3545		TITLE 3551		TITLE 3557		TITLE 3563		TITLE 3569		TITLE 3575		TITLE 3581		TITLE 3587		TITLE 3593		TITLE 3599		TITLE 3605		TITLE 3611		TITLE 3617		TITLE 3623		TITLE 3629		TITLE 3635		TITLE 3641		TITLE 3647		TITLE 3653		TITLE 3659		TITLE 3665		TITLE 3671		TITLE 3677		TITLE 3683		TITLE 3689		TITLE 3695		TITLE 3701		TITLE 3707		TITLE 3713		TITLE 3719		TITLE 3725		TITLE 3731		TITLE 3737		TITLE 3743		TITLE 3749		TITLE 3755		TITLE 3761		TITLE 3767		TITLE 3773		TITLE 3779		TITLE 3785		TITLE 3791		TITLE 3797		TITLE 3803		TITLE 3809		TITLE 3815		TITLE 3821		TITLE 3827		TITLE 3833		TITLE 3839		TITLE 3845		TITLE 3851		TITLE 3857		TITLE 3863		TITLE 3869		TITLE 3875		TITLE 3881		TITLE 3887		TITLE 3893		TITLE 3899		TITLE 3905		TITLE 3911		TITLE 3917		TITLE 3923		TITLE 3929		TITLE 3935		TITLE 3941		TITLE 3947		TITLE 3953		TITLE 3959		TITLE 3965		TITLE 3971		TITLE 3977		TITLE 3983		TITLE 3989		TITLE 3995		TITLE 4001		TITLE 4007		TITLE 4013		TITLE 4019		TITLE 4025		TITLE 4031		TITLE 4037		TITLE 4043		TITLE 4049		TITLE 4055		TITLE 4061		TITLE 4067		TITLE 4073		TITLE 4079		TITLE 4085		TITLE 4091		TITLE 4097		TITLE 4103		TITLE 4109		TITLE 4115		TITLE 4121		TITLE 4127		TITLE 4133		TITLE 4139		TITLE 4145		TITLE 4151		TITLE 4157		TITLE 4163		TITLE 4169		TITLE 4175		TITLE 4181		TITLE 4187		TITLE 4193		TITLE 4199		TITLE 4205		TITLE 4211		TITLE 4217		TITLE 4223		TITLE 4229		TITLE 4235		TITLE 4241		TITLE 4247		TITLE 4253		TITLE 4259		TITLE 4265		TITLE 4271		TITLE 4277		TITLE 4283		TITLE 4289		TITLE 4295		TITLE 4301		TITLE 4307		TITLE 4313		TITLE 4319		TITLE 4325		TITLE 4331		TITLE 4337		TITLE 4343		TITLE 4349		TITLE 4355		TITLE 4361		TITLE 4367		TITLE 4373		TITLE 4379		TITLE 4385		TITLE 4391		TITLE 4397		TITLE 4403		TITLE 4409		TITLE 4415		TITLE 4421		TITLE 4427		TITLE 4433		TITLE 4439		TITLE 4445		TITLE 4451		TITLE 4457		TITLE 4463		TITLE 4469		TITLE 4475		TITLE 4481		TITLE 4487		TITLE 4493		TITLE 4499		TITLE 4505		TITLE 4511		TITLE 4517		TITLE 4523		TITLE 4529		TITLE 4535		TITLE 4541		TITLE 4547		TITLE 4553		TITLE 4559		TITLE 4565		TITLE 4571		TITLE 4577		TITLE 4583		TITLE 4589		TITLE 4595		TITLE 4601		TITLE 4607		TITLE 4613		TITLE 4619		TITLE 4625		TITLE 4631		TITLE 4637		TITLE 4643		TITLE 4649		TITLE 4655		TITLE 4661		TITLE 4667		TITLE 4673		TITLE 4679		TITLE 4685		TITLE 4691		TITLE 4697		TITLE 4703		TITLE 4709		TITLE 4715		TITLE 4721		TITLE 4727		TITLE 4733		TITLE 4739		TITLE 4745		TITLE 4751		TITLE 4757		TITLE 4763		TITLE 4769		TITLE 4775		TITLE 4781		TITLE 4787		TITLE 4793		TITLE 4799		TITLE 4805		TITLE 4811		TITLE 4817		TITLE 4823		TITLE 4829		TITLE 4835		TITLE 4841		TITLE 4847		TITLE 4853		TITLE 4859		TITLE 4865		TITLE 4871		TITLE 4877		TITLE 4883		TITLE 4889		TITLE 4895		TITLE 4901		TITLE 4907		TITLE 4913		TITLE 4919		TITLE 4925		TITLE 4931		TITLE 4937		TITLE 4943		TITLE 4949		TITLE 4955		TITLE 4961		TITLE 4967		TITLE 4973		TITLE 4979		TITLE 4985		TITLE 4991		TITLE 4997		TITLE 5003		TITLE 5009		TITLE 5015		TITLE 5021		TITLE 5027		TITLE 5033		TITLE 5039		TITLE 5045		TITLE 5051		TITLE 5057		TITLE 5063		TITLE 5069		TITLE 5075		TITLE 5081		TITLE 5087		TITLE 5093		TITLE 5099		TITLE 5105		TITLE 5111		TITLE 5117		TITLE 5123		TITLE 5129		TITLE 5135		TITLE 5141		TITLE 5147		TITLE 5153		TITLE 5159		TITLE 5165		TITLE 5171		TITLE 5177		TITLE 5183		TITLE 5189		TITLE 5195		TITLE 5201		TITLE 5207		TITLE 5213		TITLE 5219		TITLE 5225		TITLE 5231		TITLE 5237		TITLE 5243		TITLE 5249		TITLE 5255		TITLE 5261		TITLE 5267		TITLE 5273		TITLE 5279		TITLE 5285		TITLE 5291		TITLE 5297		TITLE 5303		TITLE 5309		TITLE 5315		TITLE 5321		TITLE 5327		TITLE 5333		TITLE 5339		TITLE 5345		TITLE 5351		TITLE 5357		TITLE 5363		TITLE 5369		TITLE 5375		TITLE 5381		TITLE 5387		TITLE 5	
-------------------	--	-------------------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	-----------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	------------	--	---------	--

TITLE	23.	(CONT'D.)
1010.30	am	(E-20390/89; O-3275; R-4271; A-7497)
1010.40	r	(E-20390/89; O-3275; R-4271; A-7497)
1020.10	am	(P-14521/89; A-2020)
1020.30	am	(P-14521/89; A-2020)
1020.40	am	(P-14521/89; A-2020)
1020.50	am	(P-14521/89; A-2020)
1020.60	am	(P-14521/89; A-2020)
1020.80	am	(P-14521/89; A-2020)
1025.20	am	(P-14516/89; A-2015)
1025.50	am	(P-14516/89; A-2015)
1030.10	n	(P-16234/89; A-5118)
1036.20	n	(P-16234/89; A-5118)
1036.30	n	(P-16234/89; A-5118)
1036.40	n	(P-16234/89; A-5118)
1036.50	n	(P-16234/89; A-5118)
1036.60	n	(P-16234/89; A-5118)
1037.10	n	(P-16234/89; A-5118)
1037.20	n	(P-16227/89; A-4508)
1037.30	n	(P-16227/89; A-4508)
1037.40	n	(P-16227/89; A-4508)
1037.50	n	(P-16227/89; A-4508)
1037.60	n	(P-16227/89; A-4508)
1037.70	n	(P-16227/89; A-4508)
1037.80	n	(P-16227/89; A-4508)
1031.111	am	(P-16869/89; A-4126)
1501.302	am	(P-16869/89; A-4126)
1501.303	am	(P-16869/89; A-4126)
1501.308	am	(P-16869/89; A-4126)
1501.406	am	(P-16869/89; A-4126)
1501.501	am	(P-16869/89; A-4126) (P-3308; A-13997)(P-18025/89; A-10762)
1501.503	am	(P-16869/89; A-4126)
1501.508	am	(P-16869/89; A-4126)
1501.509	am	(P-16869/89; A-4126)
1501.510	am	(P-16869/89; A-4126)
1501.511	am	(P-16869/89; A-4126)
1501.515	am	(P-3308; A-13997)
1501.516	am	(P-3308; A-13997)
1501.517	am	(P-14; A-1171) (E-299)
1501.517	am	(P-3308; A-13997)
1501.601	am	(P-3308; A-13997)
1501.602	am	(P-3308; A-13997)
1501.603	am	(P-3308; A-13997)
1501.604	am	(P-3308; A-13997)
1501.605	am	(P-3308; A-13997)
1501.608	am	(P-3308; A-13997)
1501.610	n	(P-3308; A-13997)
2400.10	am	(P-12357)
2400.20	am	(P-12357)
2400.30	am	(P-12357)
2400.50	am	(P-12357)
2400.60	am	(P-12357)
2700.20	am	(P-18207/89; A-10538)
2700.30	am	(P-18207/89; A-10538)
2700.40	am	(P-18207/89; A-10538)
2700.50	am	(P-18207/89; A-10538)
2700.60	am	(P-18207/89; A-10538)
2720.10	am	(P-18207/89; A-10538)
2720.30	am	(P-18222/89; A-10553)
2720.40	am	(P-18222/89; A-10553)
2720.50	am	(E-20390/89; O-3275; R-4271; A-7497)
2720.70	am	(E-20390/89; O-3275; R-4271; A-7497)
2720.120	am	(P-18222/89; A-10553)
2720.210	n	(P-2300; A-10941)
2730.10	am	(P-18222/89; A-10553)
2731.10	am	(P-18236/89; A-10567)
2731.20	am	(P-18204/89; A-10534)
2732.10	am	(P-18204/89; A-10534)
2732.20	am	(P-18257/89; A-10585)
2733.20	am	(P-18257/89; A-10585)
2733.30	am	(P-18239/89; A-10571)
2735.20	am	(P-18251/89; A-7242)
2735.30	am	(P-18251/89; A-7242)
2735.70	am	(P-18251/89; A-7242)
2760.40	am	(P-18260/89; A-10589)
2761.10	am	(P-18245/89; A-10578)
2761.20	am	(P-18245/89; A-10578)
2761.30	am	(P-18245/89; A-10578)
2761.40	r	(P-18245/89; A-10578)
3030.20	am	(P-11764)
3030.105	am	(P-11764)
TITLE 26		
100.20	am	(P-14539/89; A-10824)
100.30	am	(P-14539/89; A-10824)
100.40	am	(P-14539/89; A-10824)
100.60	am	(P-14539/89; A-10824)
100.70	am	(P-14539/89; A-10824)
100.80	am	(P-14539/89; A-10824)
100.100	am	(P-14539/89; A-10824)
125.5	am	(P-14556/89; A-10832)
125.90	am	(P-14556/89; A-10832)
125.95	am	(P-14556/89; A-10832)
125.170	am	(P-14556/89; A-10832)
125.190	am	(P-14

[illegible]

TITLE 32 (CONT'D)			TITLE 35			TITLE 35 (CONT'D)		
335.8020	(P-11585)	n	102.100	(P-14696/89; A-9210)	n	215.421	(P-14696/89; A-9210)	am
335.8030	(P-11585)	n	102.101	(P-14727/89; A-9244)	n	215.445	(P-14696/89; A-9210)	am
335.8040	(P-11585)	n	102.102	(P-14696/89; A-9210)	r	215.464	(P-14696/89; A-9210)	am
335.8050	(P-11585)	n	102.101	(P-14727/89; A-9244)	n	215.467	(P-14696/89; A-9210)	n
335.8060	(P-11585)	n	102.102	(P-14696/89; A-9210)	n	215.480	(P-14696/89; A-9210)	am
335.8070	(P-11585)	n	102.102	(P-14696/89; A-9210)	n	215.481	(P-14696/89; A-9210)	am
335.8080	(P-11585)	n	102.103	(P-14696/89; A-9210)	n	215.483	(P-14696/89; A-9210)	am
335.8090	(P-11585)	n	102.104	(P-14696/89; A-9210)	n	215.484	(P-14696/89; A-9210)	am
335.8100	(P-11585)	n	102.120	(P-14727/89; A-9244)	r	215.485	(P-14696/89; A-9210)	am
335.8110	(P-11585)	n	102.120	(P-14696/89; A-9210)	n	215.486	(P-14696/89; A-9210)	am
335.8120	(P-11585)	n	102.121	(P-14727/89; A-9244)	r	215.487	(P-14696/89; A-9210)	am
335.8130	(P-11585)	n	102.121	(P-14696/89; A-9210)	n	215.488	(P-14696/89; A-9210)	am
335.8140	(P-11585)	n	102.122	(P-14727/89; A-9244)	r	215.489	(P-14696/89; A-9210)	am
335.8150	(P-11585)	n	102.122	(P-14696/89; A-9210)	n	215.489	(P-14727/89; A-9244)	#
335.9010	(P-11585)	n	102.123	(P-14727/89; A-9244)	n	215.489	(P-2784)	n
335.9020	(P-11585)	n	102.123	(P-14696/89; A-9210)	n	215.490	(P-14634/89; A-9442)	#
335.9030	(P-11585)	n	102.124	(P-14727/89; A-9244)	n	215.490	(P-14634/89; A-9442)	am
335.9040	(P-11585)	n	102.140	(P-14727/89; A-9244)	r	215.582	(P-14634/89; A-9442)	am
335.9050	(P-11585)	n	102.140	(P-14696/89; A-9210)	n	215.584	(P-14634/89; A-9442)	am
335.9060	(P-11585)	n	102.141	(P-14696/89; A-9210)	n	215.585	(P-16242/89; A-4891)	n
335.9070	(P-11585)	n	102.142	(P-14696/89; A-9210)	n	215.585	(P-16242/89; A-4891)	am
335.9080	(P-11585)	n	102.160	(P-14727/89; A-9244)	n	215.586	(P-16242/89; A-4891)	n
335.9090	(P-11585)	n	102.160	(P-14696/89; A-9210)	am	215.603	(P-16242/89; A-4891)	am
335.9100	(P-11585)	n	102.161	(P-14727/89; A-9244)	r	215.614	(P-16242/89; A-4891)	n
335.9110	(P-11585)	n	102.161	(P-14696/89; A-9210)	n	215.615	(P-16242/89; A-4891)	n
335.9120	(P-11585)	n	102.162	(P-14727/89; A-9244)	n	215.886	(P-16242/89; A-4891)	am
335.9140	(P-11585)	n	102.162	(P-14696/89; A-9210)	n	232.100	(P-16242/89; A-4891)	n
335.9150	(P-11585)	n	102.163	(P-11666)	am	232.110	(P-16242/89; A-4891)	n
335.9160	(P-11585)	n	102.163	(P-14727/89; A-9244)	r	232.120	(P-6520; A-14392)	n
335.9170	(P-11585)	n	102.164	(P-14696/89; A-9210)	n	232.200	(P-6520; A-14392)	n
335.9180	(P-11585)	n	102.164	(P-14727/89; A-9244)	n	232.210	(P-6520; A-14392)	n
351.1080	(P-15980/89; A-13633)	am	102.180	(P-14727/89; A-9244)	r	232.300	(P-6520; A-14392)	n
360.20	(P-6940)	am	102.180	(P-14696/89; A-9210)	n	232.310	(P-6520; A-14392)	n
360.30	(P-6940)	am	102.181	(P-14727/89; A-9244)	n	232.320	(P-6520; A-14392)	n
360.40	(P-6940)	am	102.181	(P-14696/89; A-9210)	n	232.400	(P-6520; A-14392)	n
360.60	(P-6940)	am	102.182	(P-14696/89; A-9210)	n	232.410	(P-6520; A-14392)	n
360.70	(P-6940)	am	102.183	(P-14696/89; A-9210)	n	232.420	(P-6520; A-14392)	n
360.71	(P-6940)	n	102.183	(P-14696/89; A-9210)	n	232.430	(P-6520; A-14392)	n
360.71	(P-6940)	n	102.200	(P-14727/89; A-9244)	n	232.440	(P-7561/89; A-8592)	n
360.Ap.B	(P-6940)	n	102.200	(P-14696/89; A-9210)	am	232.450	(P-7561/89; A-8655)	n
II.A	(P-6940)	n	102.201	(P-14727/89; A-9210)	am	232.500	(P-16285/89; A-9141)	n
II.B	(P-6940)	n	102.201	(P-14696/89; A-9210)	am	232.510	(P-8463) (P-12697)	n
Tb.C	(P-6940)	am	102.202	(P-14727/89; A-9244)	am	232.510	(P-8463) (P-12697)	n
370.10	(P-11653)	r	102.202	(P-14696/89; A-9210)	am	232.Ap.A	(P-11098)	n
370.20	(P-11653)	r	102.220	(P-14727/89; A-9244)	am	232.Ap.B	(P-11098)	n
370.25	(P-11653)	r	102.220	(P-14696/89; A-9210)	am	232.Ap.C	(P-16445/89; A-9173) (P-2772)	n
370.30	(P-11653)	r	102.221	(P-14696/89; A-9210)	am	241.100	(P-8877)	n
370.40	(P-11653)	n	102.222	(P-14696/89; A-9210)	n	241.101	(P-8877)	n
401.10	(P-1901/789; A-15341)	am	102.240	(P-14696/89; A-9210)	n	241.102	(P-15249/89; A-3555)	n
401.20	(P-1901/789; A-15341)	am	102.241	(P-14696/89; A-9210)	n	241.103	(P-16445/89; A-9173) (P-8877)	n
401.30	(P-1901/789; A-15341)	am	102.242	(P-14696/89; A-9210)	n	241.120	(P-15249/89; A-3555)	n
401.50	(P-1901/789; A-15341)	am	102.260	(P-14696/89; A-9210)	n	241.140	(P-16445/89; A-9173)	n
401.70	(P-1901/789; A-15341)	am	102.261	(P-14696/89; A-9210)	n	241.141	(P-16445/89; A-9173)	n
401.80	(P-1901/789; A-15341)	am	102.261	(P-14696/89; A-9210)	n	241.142	(P-16445/89; A-9173)	n
401.100	(P-1901/789; A-15341)	am	102.262	(P-14696/89; A-9210)	n	241.143	(P-16445/89; A-9173)	n
401.130	(P-1901/789; A-15341)	am	102.280	(P-14696/89; A-9210)	n	241.144	(P-16445/89; A-9173)	n
401.140	(P-1901/789; A-15341)	am	102.281	(P-14696/89; A-9210)	n	241.145	(P-16445/89; A-9173)	n
401.150	(P-1901/789; A-15341)	am	102.282	(P-14696/89; A-9210)	n	241.160	(P-16445/89; A-9173)	n
401.60	(P-17184/89; A-13638)	am	102.283	(P-14696/89; A-9210)	n	241.161	(P-12384/89; A-7596)	n
501.10	(P-8865)	am	102.284	(P-14696/89; A-9210)	n	241.162	(P-16445/89; A-9173)	n
501.20	(P-8865)	am	102.285	(P-14696/89; A-9210)	n	241.162	(P-16445/89; A-9173)	n
501.30	(P-8865)	am	102.300	(P-14696/89; A-9210)	n	241.163	(P-16445/89; A-9173)	n
501.40	(P-8865)	am	102.301	(P-14696/89; A-9210)	r	241.163	(P-16445/89; A-9173)	n
501.50	(P-8865)	am	102.320	(P-14696/89; A-9210)	n	241.164	(P-16445/89; A-9173)	n

VOL. 14, ISSUE #40		ILLINOIS REGISTER		SECTIONS AFFECTED INDEX		OCTOBER 5, 1990	
TITLE 35(CONT'D)							
241.165	n	(P-6977)	302.642	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.180	n	(P-6977)	302.645	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.220	n	(P-6977)	302.648	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.221	n	(P-6977)	302.651	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.223	n	(P-6977)	302.654	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.224	n	(P-6977)	302.657	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.225	n	(P-6977)	302.658	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.226	n	(P-6977)	302.660	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.227	n	(P-6977)	302.663	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.228	n	(P-6977)	302.666	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.229	n	(P-6977)	302.669	n	(P-14172/89; O-2120; R-2960; A-2899)		
241.230	n	(P-6977)	303.430	n	(P-17661/89; A-9460)		
241.231	n	(P-6977)	303.431	n	(P-9784)		
241.232	n	(P-6977)	304.123	am	(P-9204/89; A-6777)		
241.233	n	(P-6977)	304.211	n	(P-2999; P-9700)		
241.234	n	(P-6977)	304.218	n	(P-11093)		
241.255	n	(P-6977)	304.221	n	(P-17633/89; A-9437)		
241.256	n	(P-6977)	304.222	am	(P-20230/89; A-12538)		
241.257	n	(P-6977)	305.102	am	(P-14159/89; A-2888)		
241.258	n	(P-6977)	306.503	n	(P-13173/89; A-9449)		
241.259	n	(P-6977)	307.1102	am	(P-7530/89; A-3100)		
241.259	n	(P-6977)	307.2490	am	(P-20257/89; A-7620)		
241.270	n	(P-6977)	307.2491	am	(P-20257/89; A-7620)		
241.270	n	(P-6977)	307.8103	am	(P-20257/89; A-7620)		
241.270	n	(P-6977)	307.8109	am	(P-20257/89; A-7620)		
241.270	n	(P-6977)	309.103	am	(P-14164/89; A-2892)		
241.270	n	(P-6977)	310.107	am	(P-20240/89; A-7608)		
241.270	n	(P-6977)	310.110	am	(P-20240/89; A-7608)		
241.270	n	(P-6977)	366.101	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.102	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.103	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.104	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.105	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.106	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.201	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.202	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.203	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.204	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.205	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.206	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.301	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.302	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.303	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.304	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.305	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.306	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.307	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.401	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.402	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.403	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.404	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.405	n	(P-19850/89; A-8121)		
241.270	n	(P-6977)	366.501	n	(P-19850/89; A-8121)		

SAI-12

VOL. 14, ISSUE #40

TITLE 35 (CONT'D.)

SECTIONS AFFECTED INDEX

ILLINOIS REGISTER

OCTOBER 5, 1990

366.502	n	(P-19850/89; A-8121)	611.108	n	(P-18690/89; A-16517)
366.503	n	(P-19850/89; A-8121)	611.109	n	(P-18690/89; A-16517)
366.504	n	(P-19850/89; A-8121)	611.110	n	(P-18690/89; A-16517)
366.505	n	(P-19850/89; A-8121)	611.111	n	(P-18690/89; A-16517)
366.506	n	(P-19850/89; A-8121)	611.112	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.113	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.114	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.115	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.120	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.121	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.125	n	(P-18690/89; A-16517)
366.601	n	(P-19850/89; A-8121)	611.126	n	(P-18690/89; A-16517)
601.105	am	(P-262/89; A-1379)	611.201	n	(P-18690/89; A-16517)
604.101	am	(P-18688/89; A-16435)	611.202	n	(P-18690/89; A-16517)
604.102	am	(P-18688/89; A-16435)	611.211	n	(P-18690/89; A-16517)
604.103	am	(P-18688/89; A-16435)	611.212	n	(P-18690/89; A-16517)
604.104	am	(P-18688/89; A-16435)	611.213	n	(P-18690/89; A-16517)
604.201	r	(P-18688/89; A-16435)	611.220	n	(P-18690/89; A-16517)
604.202	r	(P-18688/89; A-16435)	611.230	n	(P-18690/89; A-16517)
604.203	am	(P-255/89; A-689)	611.231	n	(P-18690/89; A-16517)
604.203	r	(P-18688/89; A-16435)	611.232	n	(P-18690/89; A-16517)
604.204	r	(P-18688/89; A-16435)	611.233	n	(P-18690/89; A-16517)
604.301	r	(P-18688/89; A-16435)	611.240	n	(P-18690/89; A-16517)
604.302	r	(P-18688/89; A-16435)	611.241	n	(P-18690/89; A-16517)
604.303	r	(P-18688/89; A-16435)	611.242	n	(P-18690/89; A-16517)
604.401	am	(P-18688/89; A-16435)	611.250	n	(P-18690/89; A-16517)
604.402	r	(P-18688/89; A-16435)	611.261	n	(P-18690/89; A-16517)
604.403	r	(P-18688/89; A-16435)	611.262	n	(P-18690/89; A-16517)
604.404	r	(P-18688/89; A-16435)	611.271	n	(P-18690/89; A-16517)
604.405	r	(P-18688/89; A-16435)	611.272	n	(P-18690/89; A-16517)
604.501	r	(P-18688/89; A-16435)	611.280	n	(P-18690/89; A-16517)
604.502	r	(P-18688/89; A-16435)	611.290	n	(P-18690/89; A-16517)
605.101	am	(P-18688/89; A-16435)	611.300	n	(P-18690/89; A-16517)
605.102	am	(P-18822/89; A-16642)	611.310	n	(P-18690/89; A-16517)
605.103	r	(P-18822/89; A-16642)	611.311	n	(P-18690/89; A-16517)
605.104	am	(P-269/89; A-695)	611.320	n	(P-18690/89; A-16517)
605.104	r	(P-18822/89; A-16642)	611.325	n	(P-18690/89; A-16517)
605.105	r	(P-18822/89; A-16642)	611.330	n	(P-18690/89; A-16517)
605.106	r	(P-18822/89; A-16642)	611.331	n	(P-18690/89; A-16517)
605.107	r	(P-18822/89; A-16642)	611.480	n	(P-18690/89; A-16517)
605.108	r	(P-18822/89; A-16642)	611.490	n	(P-18690/89; A-16517)
605.109	am	(P-18822/89; A-16642)	611.491	n	(P-18690/89; A-16517)
605.110	r	(P-18822/89; A-16642)	611.500	n	(P-18690/89; A-16517)
Ap.			611.521	n	(P-18690/89; A-16517)
606.101	r	(P-18822/89; A-16642)	611.522	n	(P-18690/89; A-16517)
606.102	r	(P-18816/89; A-16640)	611.523	n	(P-18690/89; A-16517)
606.103	r	(P-18816/89; A-16640)	611.524	n	(P-18690/89; A-16517)
606.201	r	(P-18816/89; A-16640)	611.525	n	(P-18690/89; A-16517)
606.202	r	(P-18816/89; A-16640)	611.526	n	(P-18690/89; A-16517)
606.203	r	(P-18816/89; A-16640)	611.527	n	(P-18690/89; A-16517)
606.204	r	(P-18816/89; A-16640)	611.531	n	(P-18690/89; A-16517)
606.205	r	(P-18816/89; A-16640)	611.532	n	(P-18690/89; A-16517)
607.101	r	(P-18868/89; A-16512)	611.533	n	(P-18690/89; A-16517)
607.102	r	(P-18683/89; A-16512)	611.560	n	(P-18690/89; A-16517)
607.103	r	(P-18683/89; A-16512)	611.601	n	(P-18690/89; A-16517)
607.104	r	(P-18683/89; A-16512)	611.602	n	(P-18690/89; A-16517)
607.105	r	(P-18683/89; A-16512)	611.603	n	(P-18690/89; A-16517)
607.106	r	(P-18683/89; A-16512)	611.606	am	(P-18690/89; A-16517)
Ap.			611.606	n	(P-18690/89; A-16517)
611.100	n	(P-18690/89; A-16517)	611.607	n	(P-18690/89; A-16517)
611.101	n	(P-18690/89; A-16517)	611.610	n	(P-18690/89; A-16517)
611.102	n	(P-18690/89; A-16517)	611.610	am	(P-18690/89; A-16517)
611.103	n	(P-18690/89; A-16517)	611.641	n	(P-18690/89; A-16517)

SAI-13

ILLINOIS REGISTER
SECTIONS AFFECTED INDEX
OCTOBER 5, 1990

VOL. 14, ISSUE #40		SECTIONS AFFECTED INDEX		OCTOBER 5, 1990	
TITLE 35 (CONT'D)					
814.201	n	(P-3858; A-15850)	861.120	n	(P-3822)
814.202	n	(P-3858; A-15850)	861.200	n	(P-3822)
814.301	n	(P-3858; A-15850)	861.121	n	(P-3822)
814.302	n	(P-3858; A-15850)	870.102	am	(P-3809; RC-15607)
814.401	n	(P-3858; A-15850)	870.202	am	(P-3809; RC-15607)
814.402	n	(P-3858; A-15850)	870.204	am	(P-3809; RC-15607)
814.501	n	(P-3858; A-15850)	870.206	am	(P-15667)
814.502	n	(P-3858; A-15850)	870.208	am	(P-3809; RC-15607)
815.101	n	(P-3872; A-15807)	870.210	am	(P-3809; RC-15607)
815.102	n	(P-3872; A-15807)	870.211	am	(P-3809; RC-15607)
815.201	n	(P-3872; A-15807)	870.212	am	(P-3809; RC-15607)
815.202	n	(P-3872; A-15807)	870.301	am	(P-3809; RC-15607)
815.302	n	(P-3872; A-15807)	870.302	am	(P-3809; RC-15607)
815.204	n	(P-3872; A-15807)	870.305	am	(P-3809; O-15603; RC-15607)
815.301	n	(P-3872; A-15807)			(P-15667)
815.302	n	(P-3872; A-15807)	870.307	am	(P-3809; RC-15607)
815.303	n	(P-3872; A-15807)	870.309	am	(P-3809; RC-15607)
815.401	n	(P-3872; A-15807)	870.310	am	(P-3809; RC-15607)
815.402	n	(P-3872; A-15807)	871.101	am	(P-8429)
815.501	n	(P-3872; A-15807)	871.102	am	(P-8429)
815.502	n	(P-3872; A-15807)	871.201	am	(P-8429)
815.503	n	(P-3872; A-15807)	871.301	am	(P-8429)
848.101	n	(P-7763)	871.303	am	(P-8429)
848.102	n	(P-7763)	871.305	am	(P-8429)
848.103	n	(P-7763)	871.402	am	(P-8429)
848.104	n	(P-7763)	871.503	am	(P-8429)

ILLINOIS REGISTER

VOL. 14, ISSUE #40		TILE 35 (CONT'D)		SECTIONS AFFECTED INDEX		OCTOBER 5, 1990	
811.308	n	(P-3923; A-15861)	812.107	n	(P-3834; A-15785)		
811.309	n	(P-3923; A-15861)	812.108	n	(P-3834; A-15785)		
811.310	n	(P-3923; A-15861)	812.109	n	(P-3834; A-15785)		
811.311	n	(P-3923; A-15861)	812.110	n	(P-3834; A-15785)		
811.312	n	(P-3923; A-15861)	812.111	n	(P-3834; A-15785)		
811.313	n	(P-3923; A-15861)	812.112	n	(P-3834; A-15785)		
811.314	n	(P-3923; A-15861)	812.113	n	(P-3834; A-15785)		
811.315	n	(P-3923; A-15861)	812.114	n	(P-3834; A-15785)		
811.316	n	(P-3923; A-15861)	812.115	n	(P-3834; A-15785)		
811.317	n	(P-3923; A-15861)	812.116	n	(P-3834; A-15785)		
811.318	n	(P-3923; A-15861)	812.201	n	(P-3834; A-15785)		
811.319	n	(P-3923; A-15861)	812.202	n	(P-3834; A-15785)		
811.320	n	(P-3923; A-15861)	812.203	n	(P-3834; A-15785)		
811.321	n	(P-3923; A-15861)	812.204	n	(P-3834; A-15785)		
811.322	n	(P-3923; A-15861)	812.301	n	(P-3834; A-15785)		
811.323	n	(P-3923; A-15861)	812.302	n	(P-3834; A-15785)		
811.401	n	(P-3923; A-15861)	812.303	n	(P-3834; A-15785)		
811.402	n	(P-3923; A-15861)	812.304	n	(P-3834; A-15785)		
811.403	n	(P-3923; A-15861)	812.305	n	(P-3834; A-15785)		
811.404	n	(P-3923; A-15861)	812.306	n	(P-3834; A-15785)		
811.405	n	(P-3923; A-15861)	812.307	n	(P-3834; A-15785)		
811.406	n	(P-3923; A-15861)	812.308	n	(P-3834; A-15785)		
811.501	n	(P-3923; A-15861)	812.309	n	(P-3834; A-15785)		
811.502	n	(P-3923; A-15861)	812.310	n	(P-3834; A-15785)		
811.503	n	(P-3923; A-15861)	812.311	n	(P-3834; A-15785)		
811.504	n	(P-3923; A-15861)	812.312	n	(P-3834; A-15785)		
811.505	n	(P-3923; A-15861)	812.313	n	(P-3834; A-15785)		
811.506	n	(P-3923; A-15861)	812.314	n	(P-3834; A-15785)		
811.507	n	(P-3923; A-15861)	812.315	n	(P-3834; A-15785)		
811.508	n	(P-3923; A-15861)	812.316	n	(P-3834; A-15785)		
811.509	n	(P-3923; A-15861)	812.317	n	(P-3834; A-15785)		
811.700	n	(P-3923; A-15861)	812.318	n	(P-3834; A-15785)		
811.701	n	(P-3923; A-15861)	813.101	n	(P-3882; A-15814)		
811.702	n	(P-3923; A-15861)	813.102	n	(P-3882; A-15814)		
811.703	n	(P-3923; A-15861)	813.103	n	(P-3882; A-15814)		
811.704	n	(P-3923; A-15861)	813.104	n	(P-3882; A-15814)		
811.705	n	(P-3923; A-15861)	813.105	n	(P-3882; A-15814)		
811.706	n	(P-3923; A-15861)	813.106	n	(P-3882; A-15814)		
811.707	n	(P-3923; A-15861)	813.107	n	(P-3882; A-15814)		
811.708	n	(P-3923; A-15861)	813.108	n	(P-3882; A-15814)		
811.709	n	(P-3923; A-15861)	813.109	n	(P-3882; A-15814)		
811.710	n	(P-3923; A-15861)	813.110	n	(P-3882; A-15814)		
811.711	n	(P-3923; A-15861)	813.111	n	(P-3882; A-15814)		
811.712	n	(P-3923; A-15861)	813.201	n	(P-3882; A-15814)		
811.713	n	(P-3923; A-15861)	813.202	n	(P-3882; A-15814)		
811.714	n	(P-3923; A-15861)	813.203	n	(P-3882; A-15814)		
811.715	n	(P-3923; A-15861)	813.204	n	(P-3882; A-15814)		
811.716	n	(P-3923; A-15861)	813.301	n	(P-3882; A-15814)		
811.717	n	(P-3923; A-15861)	813.302	n	(P-3882; A-15814)		
811.718	n	(P-3923; A-15861)	813.303	n	(P-3882; A-15814)		
811.719	n	(P-3923; A-15861)	813.304	n	(P-3882; A-15814)		
811.720	n	(P-3923; A-15861)	813.305	n	(P-3882; A-15814)		
812.101	n	(P-3834; A-15785)	813.501	n	(P-3882; A-15814)		
812.102	n	(P-3834; A-15785)	813.502	n	(P-3882; A-15814)		
812.103	n	(P-3834; A-15785)	813.503	n	(P-3882; A-15814)		
812.104	n	(P-3834; A-15785)	814.101	n	(P-3858; A-15850)		
812.105	n	(P-3834; A-15785)	814.102	n	(P-3858; A-15850)		
812.106	n	(P-3834; A-15785)	814.103	n	(P-3858; A-15850)		
			814.104	n	(P-3858; A-15850)		
			814.105	n	(P-3858; A-15850)		
			814.106	n	(P-3858; A-15850)		

TITLE 38 (CONT'D)		TITLE 38 (CONT'D)	
1075.450	n	1075.975	n
1075.455	n	1075.980	n
1075.460	n	1075.985	n
1075.465	n	1075.990	n
1075.470	n	1075.995	n
1075.475	n	1075.1000	n
1075.480	n	1075.1005	n
1075.490	n	1075.1010	n
1075.500	n	1075.1015	n
1075.505	n	1075.1020	n
1075.510	n	1075.1025	n
1075.515	n	1075.1030	n
1075.520	n	1075.1035	n
1075.525	n	1075.1040	n
1075.530	n	1075.1045	n
1075.535	n	1075.1050	n
1075.540	n	1075.1055	n
1075.545	n	1075.1100	n
1075.550	n	1075.1105	n
1075.555	n	1075.1110	n
1075.560	n	1075.1115	n
1075.565	n	1075.1120	n
1075.570	n	1075.1125	n
1075.575	n	1075.1130	n
1075.580	n	1075.1135	n
1075.585	n	1075.1140	n
1075.590	n	1075.1145	n
1075.600	n	1075.1150	n
1075.610	n	1075.1155	n
1075.620	n	1075.1160	n
1075.630	n	1075.1165	n
1075.640	n	1075.1170	n
1075.650	n	1075.1175	n
1075.660	n	1075.1180	n
1075.670	n	1075.1185	n
1075.680	n	1075.1190	n
1075.700	n	1075.1195	n
1075.705	n	1075.1200	n
1075.710	n	1075.1205	n
1075.715	n	1075.1210	n
1075.720	n	1075.1215	n
1075.725	n	1075.1220	n
1075.730	n	1075.1225	n
1075.735	n	1075.1230	n
1075.740	n	1075.1235	n
1075.745	n	1075.1240	n
1075.750	n	1075.1245	n
1075.800	n	1075.1250	n
1075.810	n	1075.1255	n
1075.820	n	1075.1260	n
1075.900	n	1075.1265	n
1075.905	n	1075.1270	n
1075.910	n	1075.1275	n
1075.915	n	1075.1280	n
1075.920	n	1075.1285	n
1075.925	n	1075.1290	n
1075.930	n	1075.1295	n
1075.935	n	1075.1300	n
1075.940	n	1075.1305	n
1075.945	n	1075.1310	n
1075.950	n	1075.1315	n
1075.955	n	1075.1320	n
1075.960	n	1075.1325	n
1075.965	n	1075.1330	n
1075.970	n	1075.1335	n
		1075.1340	n
		1075.1345	n
		1075.1350	n
		1075.1355	n
		1075.1360	n
		1075.1365	n
		1075.1370	n
		1075.1375	n
		1075.1380	n
		1075.1385	n
		1075.1390	n
		1075.1395	n
		1075.1400	n
		1075.1405	n
		1075.1410	n
		1075.1415	n
		1075.1420	n
		1075.1425	n
		1075.1430	n
		1075.1435	n
		1075.1440	n
		1075.1445	n
		1075.1450	n
		1075.1455	n
		1075.1460	n
		1075.1465	n
		1075.1470	n
		1075.1475	n
		1075.1480	n
		1075.1485	n
		1075.1490	n
		1075.1495	n
		1075.1500	n
		1075.1505	n
		1075.1510	n
		1075.1515	n
		1075.1520	n
		1075.1525	n
		1075.1530	n
		1075.1535	n
		1075.1540	n
		1075.1545	n
		1075.1550	n
		1075.1555	n
		1075.1560	n
		1075.1565	n
		1075.1570	n
		1075.1575	n
		1075.1580	n
		1075.1585	n
		1075.1590	n
		1075.1595	n
		1075.1600	n
		1075.1605	n
		1075.1610	n
		1075.1615	n
		1075.1620	n
		1075.1625	n
		1075.1630	n
		1075.1635	n
		1075.1640	n
		1075.1645	n
		1075.1650	n
		1075.1655	n
		1075.1660	n
		1075.1665	n
		1075.1670	n
		1075.1675	n
		1075.1680	n
		1075.1685	n
		1075.1690	n
		1075.1695	n
		1075.1700	n
		1075.1705	n
		1075.1710	n
		1075.1715	n
		1075.1720	n
		1075.1725	n
		1075.1730	n
		1075.1735	n
		1075.1740	n
		1075.1745	n
		1075.1750	n
		1075.1755	n
		1075.1760	n
		1075.1765	n
		1075.1770	n
		1075.1775	n
		1075.1780	n
		1075.1785	n
		1075.1790	n
		1075.1795	n
		1075.1800	n
		1075.1805	n
		1075.1810	n
		1075.1815	n
		1075.1820	n
		1075.1825	n
		1075.1830	n
		1075.1835	n
		1075.1840	n
		1075.1845	n
		1075.1850	n
		1075.1855	n
		1075.1860	n
		1075.1865	n
		1075.1870	n
		1075.1875	n
		1075.1880	n
		1075.1885	n
		1075.1890	n
		1075.1895	n
		1075.1900	n
		1075.1905	n
		1075.1910	n
		1075.1915	n
		1075.1920	n
		1075.1925	n
		1075.1930	n
		1075.1935	n
		1075.1940	n
		1075.1945	n
		1075.1950	n
		1075.1955	n
		1075.1960	n
		1075.1965	n
		1075.1970	n
		1075.1975	n
		1075.1980	n
		1075.1985	n
		1075.1990	n
		1075.1995	n
		1075.2000	n
		1075.2005	n
		1075.2010	n
		1075.2015	n
		1075.2020	n
		1075.2025	n
		1075.2030	n
		1075.2035	n
		1075.2040	n
		1075.2045	n
		1075.2050	n
		1075.2055	n
		1075.2060	n
		1075.2065	n
		1075.2070	n
		1075.2075	n
		1075.2080	n
		1075.2085	n
		1075.2090	n
		1075.2095	n
		1075.2100	n
		1075.2105	n
		1075.2110	n
		1075.2115	n
		1075.2120	n
		1075.2125	n
		1075.2130	n
		1075.2135	n
		1075.2140	n
		1075.2145	n
		1075.2150	n
		1075.2155	n
		1075.2160	n
		1075.2165	n
		1075.2170	n
		1075.2175	n
		1075.2180	n
		1075.2185	n
		1075.2190	n
		1075.2195	n
		1075.2200	n
		1075.2205	n
		1075.2210	n
		1075.2215	n
		1075.2220	n
		1075.2225	n
		1075.2230	n
		1075.2235	n
		1075.2240	n
		1075.2245	n
		1075.2250	n
		1075.2255	n
		1075.2260	n
		1075.2265	n
		1075.2270	n
		1075.2275	n
		1075.2280	n
		1075.2285	n
		1075.2290	n
		1075.2295	n
		1075.2300	n
		1075.2305	n
		1075.2310	n
		1075.2315	n
		1075.2320	n
		1075.2325	n
		1075.2330	n
		1075.2335	n
		1075.2340	n
		1075.2345	n
		1075.2350	n
		1075.2355	n
		1075.2360	n
		1075.2365	n
		1075.2370	n
		1075.2375	n
		1075.2380	n
		1075.2385	n
		1075.2390	n
		1075.2395	n
		1075.2400	n
		1075.2405	n
		1075.2410	n
		1075.2415	n
		1075.2420	n
		1075.2425	n
		1075.2430	n
		1075.2435	n
		1075.2440	n
		1075.2445	n
		1075.2450	n
		1075.2455	n
		1075.2460	n
		1075.2465	n
		1075.2470	n
		1075.2475	n
		1075.2480	n
		1075.2485	n
		1075.2490	n
		1075.2495	n
		1075.2500	n
		1075.2505	n
		1075.2510	n
		1075.2515	n
		1075.2520	n
		1075.2525	n
		1075.2530	n
		1075.2535	n
		1075.2540	n
		1075.2545	n
		1075.2550	n
		1075.2555	n
		1075.2560	n
		1075.2565	n
		1075.2570	n
		1075.2575	n
		1075.2580	n
		1075.2585	n
		1075.2590	n
		1075.2595	n
		1075.2600	n
		1075.2605	n
		1075.2610	n
		1075.2615	n
		1075.2620	n
		1075.2625	n
		1075.2630	n
		1075.2635	n
		1075.2640	n
		1075.2645	n
		1075.2650	n
		1075.2655	n
		1075.2660	n
		1075.2665	n
		1075.2670	n
		1075.2675	n
		1075.2680	n
		1075.2685	n
		1075.2690	n
		1075.2695	n
		1075.2700	n
		1075.2705	n
		1075.2710	n
		1075.2715	n
		1075.2720	n
		1075.2725	n
		1075.2730	n
		1075.2735	n
		1075.2740	n
		1075.2745	n
		1075.2750	n
		1075.2755	n
		1075.2760	n
		1075.	

TITLE 44		TITLE 47 (CONTD.)		TITLE 50	
5010.110	am	(P-8271; A-15775) (E-8714; O-13033)	110.60	am	(P-10985)
5010.610	am	(P-8271; A-15775) (E-8714; O-13033)	110.70	am	(P-10985)
5010.660	am	(P-8271; A-15775) (E-8714; O-13033)	110.80	am	(P-10985)
5010.670	am	(P-8271; A-15775) (E-8714; O-13033)	110.90	am	(P-10985)
5010.710	am	(P-8271; A-15775) (E-8714; O-13033)	110.92	n	(P-10985)
5010.720	am	(P-8271; A-15775) (E-8714; O-13033)	110.93	n	(P-10985)
5010.730	am	(P-8271; A-15775) (E-8714; O-13033)	110.100	am	(P-10985)
5010.740	am	(P-8271; A-15775) (E-8714; O-13033)	110.105	am	(P-10985)
5010.1140	am	(P-8271; A-15775) (E-8714; O-13033)	110.130	am	(P-10985)
5030.110	am	(P-10983) (E-11351; O-15620)	120.115	am	(P-5296; A-13970)
5030.120	am	(P-10983) (E-11351; O-15620)	310.804	am	(P-13371/89; A-683)
5030.130	am	(P-10983) (E-11351; O-15620)	350.101	am	(P-5653; A-14021) (E-5827)
TITLE 47			350.102	n	(P-5653; A-14019) (E-5817)
100.10	am	(P-17589/89; A-13440)	350.102	n	(P-5653; A-14021) (E-5827)
100.20	am	(P-17589/89; A-13440)	350.103	n	(P-5653; A-14019) (E-5817)
100.30	am	(P-17589/89; A-13440)	350.104	n	(P-5653; A-14021) (E-5827)
100.40	n	(P-17589/89; A-13440)	350.201	n	(P-5653; A-14019) (E-5817)
100.45	n	(P-17589/89; A-13440)	350.202	n	(P-5653; A-14021) (E-5827)
100.50	n	(P-17589/89; A-13440)	350.203	n	(P-5653; A-14019) (E-5817)
100.70	am	(P-17589/89; A-13440)	350.204	n	(P-5653; A-14021) (E-5827)
100.85	am	(P-17589/89; A-13440)	350.205	n	(P-5653; A-14019) (E-5817)
100.103	n	(P-17589/89; A-13440)	350.206	n	(P-5653; A-14021) (E-5827)
100.105	n	(P-17589/89; A-13440)	350.207	n	(P-5653; A-14019) (E-5817)
100.106	n	(P-17589/89; A-13440)	350.208	n	(P-5653; A-14021) (E-5827)
100.106	n	(P-17589/89; A-13440)	350.209	n	(P-5653; A-14019) (E-5817)
100.110	n	(P-17589/89; A-13440)	350.210	n	(P-5653; A-14021) (E-5827)
100.111	n	(P-17589/89; A-13440)	350.211	n	(P-5653; A-14019) (E-5817)
100.111	n	(P-17589/89; A-13440)	350.212	n	(P-5653; A-14021) (E-5827)
100.111	am	(P-15189)	360.101	n	(P-1726; A-9117) (E-2094)
100.113	n	(P-15189)	360.102	n	(P-1726; A-9117) (E-2094)
100.113	am	(P-15189)	360.103	n	(P-1726; A-9117) (E-2094)
100.115	am	(P-17589/89; A-13440)	360.104	n	(P-1726; A-9117) (E-2094)
100.117	n	(P-17589/89; A-13440)	360.105	n	(P-1726; A-9117) (E-2094)
100.117	am	(P-15189)	360.106	n	(P-1726; A-9117) (E-2094)
100.120	am	(P-17589/89; A-13440)	360.107	n	(P-1726; A-9117) (E-2094)
100.130	r	(P-15189)	360.108	n	(P-1726; A-9117) (E-2094)
100.140	r	(P-17589/89; A-13440)	360.109	n	(P-1726; A-9117) (E-2094)
100.210	r	(P-17589/89; A-13440)	360.110	n	(P-1726; A-9117) (E-2094)
100.230	r	(P-17589/89; A-13440)	360.111	n	(P-1726; A-9117) (E-2094)
100.240	r	(P-17589/89; A-13440)	360.112	n	(P-1726; A-9117) (E-2094)
100.290	am	(P-17589/89; A-13440)	360.113	n	(P-1726; A-9117) (E-2094)
100.300	r	(P-17589/89; A-13440)	360.114	n	(P-1726; A-9117) (E-2094)
100.301	r	(P-17589/89; A-13440)	360.201	n	(P-1726; A-9117) (E-2094)
100.301	n	(P-15189)	360.202	n	(P-1726; A-9117) (E-2094)
100.301	am	(P-15189)	360.203	n	(P-1726; A-9117) (E-2094)
100.303	am	(P-15189)	360.301	n	(P-1726; A-9117) (E-2094)
100.303	am	(P-15189)	360.302	n	(P-1726; A-9117) (E-2094)
100.303	am	(P-15189)	360.303	n	(P-1726; A-9117) (E-2094)
100.303	am	(P-15189)	360.304	n	(P-1726; A-9117) (E-2094)
100.305	am	(P-15189)	360.305	n	(P-1726; A-9117) (E-2094)
100.40	am	(P-10985)	360.306	n	(P-1726; A-9117) (E-2094)
110.50	am	(P-10985)			

[illegible]

TITLE 56 (CONT'D)		TITLE 59 (CONT'D)		TITLE 62					
100.120	am	(P-536; O-10126; A-13608)	2732.200	n	(P-12748/89; O-20398/89; R-1047; A-673)	119.100	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.20	am	(E-1026)	2765.18	n	(P-13118)	119.105	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.195	am	(P-5839/89; O-4750; W-4740)	2765.50	am	(P-1101; A-6218)	119.110	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.280	am	(P-3345)	2765.66	am	(P-1101; A-6218)	119.120	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
		(P-3345)	2765.210	n	(P-13118)	119.125	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
		(P-5839/89; O-4750; W-4740)	2765.325	am	(P-13910)	119.130	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.300	n	(P-5839/89; O-4750; W-4740)	2770.110	am	(P-15543/89; A-2038)	119.135	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.310	n	(P-5839/89; O-4750; W-4740)	2770.150	r	(P-12664)	119.200	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.320	n	(P-5839/89; O-4750; W-4740)	2770.155	r	(P-12364)	119.205	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.330	n	(P-5839/89; O-4750; W-4740)	2770.160	r	(P-12364)	119.210	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.340	n	(P-5839/89; O-4750; W-4740)	2770.165	r	(P-12364)	119.215	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.350	n	(P-5839/89; O-4750; W-4740)	2770.170	r	(P-12364)	119.220	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.360	n	(P-5839/89; O-4750; W-4740)	2830.10	r	(P-2423; A-9101)	119.225	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.370	n	(P-5839/89; O-4750; W-4740)	2830.170	r	(P-2423; A-9101)	119.230	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.380	n	(P-5839/89; O-4750; W-4740)	2830.300	n	(P-2423; A-9101)	119.235	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.390	n	(P-5839/89; O-4750; W-4740)	2830.305	n	(P-2423; A-9101)	119.240	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.400	n	(P-5839/89; O-4750; W-4740)	2830.310	n	(P-2423; A-9101)	119.245	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.410	n	(P-5839/89; O-4750; W-4740)	2830.315	n	(P-2423; A-9101)	119.250	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.420	n	(P-5839/89; O-4750; W-4740)	2830.320	n	(P-2423; A-9101)	119.255	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.430	n	(P-5839/89; O-4750; W-4740)	2830.325	n	(P-2423; A-9101)	119.260	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.440	n	(P-5839/89; O-4750; W-4740)	2830.330	n	(P-2423; A-9101)	119.265	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
350.450	n	(P-5839/89; O-4750; W-4740)	2830.335	n	(P-2423; A-9101)	119.300	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
2610.60	am	(P-5839/89; O-4750; W-4740)	2830.340	n	(P-2423; A-9101)	119.305	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
2610.100	am	(P-5017/89; A-1976)	2865.1	n	(P-10215)	119.310	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
2610.130	am	(P-13074)	2865.100	n	(P-10215)	119.315	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
2610.150	am	(P-13074)	2865.105	n	(P-10215)	119.320	n	(P-15183/89; RC-10145; RC-10128; A-10865)	(P-13377/89; W-3696)
		(P-5017/89; A-1976)	2865.110	n	(P-10215)	117.100	n	(P-14671) (E-14987)	(P-3356; RC-16074)
Ap.A	am	(P-16117)	2865.115	n	(P-10215)	117.110	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
Ap.B	am	(P-16117)	2865.120	n	(P-10215)	117.120	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
II.A	n	(P-16117)	2865.125	n	(P-10215)	117.130	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
II.B	n	(P-16117)	2865.130	n	(P-10215)	117.135	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
II.C	n	(P-16117)	2865.135	n	(P-10215)	117.140	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
II.D	n	(P-16117)	2865.140	n	(P-10215)	117.145	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
II.E	n	(P-16117)	2865.205	n	(P-10215)	117.155	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.10	n	(P-13045)	2865.210	n	(P-10215)	117.200	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.30	am	(P-13045)	2865.215	n	(P-10215)	117.205	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.40	am	(P-13045)	2865.215	n	(P-10215)	117.210	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.50	am	(P-13045)	2920.40	am	(P-13905)	117.215	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.60	n	(P-13045)	6000.10	am	(P-2989)	117.220	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.70	n	(P-13045)	6000.280	am	(E-3235; O-5905) (P-2989)	117.225	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2625.80	n	(P-13045)	6000.330	am	(P-2989)	117.230	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2630.82	am	(P-5310; A-13984)		n		117.235	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2630.103	am	(P-5310; A-13984)		n		117.240	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2630.112	am	(P-5310; A-13984)		am		117.300	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.10	am	(P-15977/89; A-5075)	102.10	am	(P-2432)	117.305	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.20	am	(P-15977/89; A-5075)	102.30	am	(P-2432)	117.310	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.30	am	(P-15977/89; A-5075)	106.25	am	(P-14647)	117.315	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.40	am	(P-15977/89; A-5075)	106.45	am	(P-14647)	117.320	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.50	am	(P-15977/89; A-5075)	115.100	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.325	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.110	am	(P-15977/89; A-5075)	115.110	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.330	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.130	am	(P-15977/89; A-5075)	115.120	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.335	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.140	am	(P-15977/89; A-5075)	115.200	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.340	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.210	am	(P-15977/89; A-5075)	115.210	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.345	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.220	n	(P-15977/89; A-5075)	115.220	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.350	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.230	n	(P-15977/89; A-5075)	115.230	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.355	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.240	n	(P-15977/89; A-5075)	115.240	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.360	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.250	n	(P-15977/89; A-5075)	115.215	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.365	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2650.255	r	(P-10237)	115.220	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.370	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2720.126	r	(P-10237)	115.230	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.375	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2720.127	r	(P-10237)	115.240	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.380	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2720.128	r	(P-10237)	115.240	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.385	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2720.129	r	(P-10237)	115.240	n	(P-15183/89; RC-10145; RC-10128; A-10865)	117.390	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2720.255	am	(P-7686; A-15334)	115.240	am	(P-1984; A-5126)	117.400	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
2725.100	am	(P-1984; A-5126)	115.240	am	(P-1984; A-5126)	117.405	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.410	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.415	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.420	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.425	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.430	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.435	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.440	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.445	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.450	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.455	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.460	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.465	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.470	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.475	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.480	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.485	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.490	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.495	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.500	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.505	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.510	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.515	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.520	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.525	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.530	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.535	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126)	117.540	n	(P-14671) (E-14987)	(P-13377/89; W-3696)
			115.240	am	(P-1984; A-5126				

[illegible]

TITLE 77 (CONT'D)		TITLE 77 (CONT'D)	
672.615	n	694.120	n
672.620	n		
672.625	n	694.200	n
672.630	n		
672.635	n	694.210	n
672.640	n		
672.645	n	694.220	n
672.650	n		
672.655	n	694.260	n
672.660	n		
672.665	n	694.280	n
672.670	n		
672.675	n	694.290	n
672.680	n		
672.685	n	694.300	n
672.690	n		
672.695	n	694.310	n
672.700	n		
672.705	n	694.320	n
672.710	n		
672.715	n	694.330	n
672.720	n		
672.725	n	694.340	n
672.730	n		
672.735	n	694.350	n
672.740	n		
672.745	n	694.360	n
672.750	n		
672.755	n	694.370	n
672.760	n		
672.765	n	694.380	n
672.770	n		
672.775	n	694.390	n
672.780	n		
672.785	n	694.400	n
672.790	n		
672.795	n	694.410	n
672.800	n		
672.805	n	694.420	n
672.810	n		
672.815	n	694.430	n
672.820	n		
672.825	n	694.440	n
672.830	n		
672.835	n	694.450	n
672.840	n		
672.845	n	694.460	n
672.850	n		
672.855	n	694.470	n
672.860	n		
672.865	n	694.480	n
672.870	n		
672.875	n	694.490	n
672.880	n		
672.885	n	694.500	n
672.890	n		
672.895	n	694.510	n
672.900	n		
672.905	n	694.520	n
672.910	n		
672.915	n	694.530	n
672.920	n		
672.925	n	694.540	n
672.930	n		
672.935	n	694.550	n
672.940	n		
672.945	n	694.560	n
672.950	n		
672.955	n	694.570	n
672.960	n		
672.965	n	694.580	n
672.970	n		
672.975	n	694.590	n
672.980	n		
672.985	n	694.600	n
672.990	n		
672.995	n	694.610	n
673.000	n		
673.005	n	694.620	n
673.010	n		
673.015	n	694.630	n
673.020	n		
673.025	n	694.640	n
673.030	n		
673.035	n	694.650	n
673.040	n		
673.045	n	694.660	n
673.050	n		
673.055	n	694.670	n
673.060	n		
673.065	n	694.680	n
673.070	n		
673.075	n	694.690	n
673.080	n		
673.085	n	694.700	n
673.090	n		
673.095	n	694.710	n
673.100	n		
673.105	n	694.720	n
673.110	n		
673.115	n	694.730	n
673.120	n		
673.125	n	694.740	n
673.130	n		
673.135	n	694.750	n
673.140	n		
673.145	n	694.760	n
673.150	n		
673.155	n	694.770	n
673.160	n		
673.165	n	694.780	n
673.170	n		
673.175	n	694.790	n
673.180	n		
673.185	n	694.800	n
673.190	n		
673.195	n	694.810	n
673.200	n		
673.205	n	694.820	n
673.210	n		
673.215	n	694.830	n
673.220	n		
673.225	n	694.840	n
673.230	n		
673.235	n	694.850	n
673.240	n		
673.245	n	694.860	n
673.250	n		
673.255	n	694.870	n
673.260	n		
673.265	n	694.880	n
673.270	n		
673.275	n	694.890	n
673.280	n		
673.285	n	694.900	n
673.290	n		
673.295	n	694.910	n
673.300	n		
673.305	n	694.920	n
673.310	n		
673.315	n	694.930	n
673.320	n		
673.325	n	694.940	n
673.330	n		
673.335	n	694.950	n
673.340	n		
673.345	n	694.960	n
673.350	n		
673.355	n	694.970	n
673.360	n		
673.365	n	694.980	n
673.370	n		
673.375	n	694.990	n
673.380	n		
673.385	n	695.000	n
673.390	n		
673.395	n	695.010	n
673.400	n		
673.405	n	695.020	n
673.410	n		
673.415	n	695.030	n
673.420	n		
673.425	n	695.040	n
673.430	n		
673.435	n	695.050	n
673.440	n		
673.445	n	695.060	n
673.450	n		
673.455	n	695.070	n
673.460	n		
673.465	n	695.080	n
673.470	n		
673.475	n	695.090	n
673.480	n		
673.485	n	695.100	n
673.490	n		
673.495	n	695.110	n
673.500	n		
673.505	n	695.120	n
673.510	n		
673.515	n	695.130	n
673.520	n		
673.525	n	695.140	n
673.530	n		
673.535	n	695.150	n
673.540	n		
673.545	n	695.160	n
673.550	n		
673.555	n	695.170	n
673.560	n		
673.565	n	695.180	n
673.570	n		
673.575	n	695.190	n
673.580	n		
673.585	n	695.200	n
673.590	n		
673.595	n	695.210	n
673.600	n		
673.605	n	695.220	n
673.610	n		
673.615	n	695.230	n
673.620	n		
673.625	n	695.240	n
673.630	n		
673.635	n	695.250	n
673.640	n		
673.645	n	695.260	n
673.650	n		
673.655	n	695.270	n
673.660	n		
673.665	n	695.280	n
673.670	n		
673.675	n	695.290	n
673.680	n		
673.685	n	695.300	n
673.690	n		
673.695	n	695.310	n
673.700	n		
673.705	n	695.320	n
673.710	n		
673.715	n	695.330	n
673.720	n		
673.725	n	695.340	n
673.730	n		
673.735	n	695.350	n
673.740	n		
673.745	n	695.360	n
673.750	n		
673.755	n	695.370	n
673.760	n		
673.765	n	695.380	n
673.770	n		
673.775	n	695.390	n
673.780	n		
673.785	n	695.400	n
673.790	n		
673.795	n	695.410	n
673.800	n		
673.805	n	695.420	n
673.810	n		
673.815	n	695.430	n
673.820	n		
673.825	n	695.440	n
673.830	n		
673.835	n	695.450	n
673.840	n		
673.845	n	695.460	n
673.850	n		
673.855	n	695.470	n
673.860	n		
673.865	n	695.480	n
673.870	n		
673.875	n	695.490	n
673.880	n		
673.885	n	695.500	n
673.890	n		
673.895	n	695.510	n
673.900	n		
673.905	n	695.520	n
673.910	n		
673.915	n	695.530	n
673.920	n		
673.925	n	695.540	n
673.930	n		
673.935	n	695.550	n
673.940	n		
673.945	n	695.560	n
673.950	n		
673.955	n	695.570	n
673.960	n		
673.965	n	695.580	n
673.970	n		
673.975	n	695.590	n
673.980	n		
673.985	n	695.600	n
673.990	n		
673.995	n	695.610	n
674.000	n		

TITLE 80 (CONT'D)		TITLE 83 (CONT'D)	
1110.90 am	(P-1357/89; A-1297)	1650.290 am	(P-11742)
1110.100 am	(P-1357/89; A-1297)	1650.320 am	(P-11742)
1110.110 am	(P-1357/89; A-1297)	1650.325 am	(P-11742)
1110.140 am	(P-1357/89; A-1297)	1650.340 am	(P-11742; C-13871)
1110.150 am	(P-1357/89; A-1297)	1650.350 am	(P-11742)
1110.160 am	(P-1357/89; A-1297)	1650.360 am	(P-11742)
1110.170 am	(P-1357/89; A-1297)	1650.370 am	(P-11742)
1110.180 am	(P-1357/89; A-1297)	1650.410 am	(P-11742)
1110.180 n	(P-1357/89; A-1297)	1650.440 am	(P-11742)
1120.20 am	(P-1381/89; A-1322)	1650.450 am	(P-11742)
1120.30 am	(P-1381/89; A-1322)	1650.520 am	(P-11742)
1120.40 am	(P-1381/89; A-1322)	1650.530 am	(P-10603)
1120.50 am	(P-1381/89; A-1322)	2120.310 am	(P-10603)
1120.60 am	(P-1381/89; A-1322)	2120.320 am	(P-10603)
1120.70 am	(P-1381/89; A-1322)	2120.330 am	(P-10603)
1125.40 am	(P-15182/89; A-2873)	2120.440 am	(P-10603)
1200.10 am	(P-7693)	2120.510 am	(P-10603)
1200.20 am	(P-7693)	2120.520 am	(P-10603)
1200.30 am	(P-7693)	2120.610 am	(P-10603)
1200.90 am	(P-7726)	2160.110 am	(P-4288; A-14343)
1210.10 am	(P-7726)	2160.120 am	(P-4288; A-14343)
1210.30 am	(P-7726)	2160.130 am	(P-4288; A-14343)
1210.40 am	(P-7726)	2160.210 am	(P-4288; A-14343)
1210.50 am	(P-7726)	2160.220 am	(P-4288; A-14343)
1210.60 am	(P-7726)	2160.230 am	(P-4288; A-14343)
1210.70 am	(P-7726)	2160.240 am	(P-4288; A-14343)
1210.100 am	(P-7726)	2160.250 am	(P-4288; A-14343)
1210.110 am	(P-7726)	2160.310 am	(P-4288; A-14343)
1210.120 am	(P-7726)	2160.320 am	(P-4288; A-14343)
1210.140 am	(P-7726)	2160.325 am	(P-4288; A-14343)
1210.150 am	(P-7726)	2160.330 am	(P-4288; A-14343)
1210.160 am	(P-7726)	2160.410 am	(P-4288; A-14343)
1210.170 am	(P-7726)	2160.420 am	(P-4288; A-14343)
1210.180 am	(P-7726)	2160.510 am	(P-4288; A-14343)
1210.190 am	(P-7726)	2160.520 am	(P-4288; A-14343)
1220.10 am	(P-7756)	2160.610 am	(P-4288; A-14343)
1220.30 am	(P-7756)	2160.620 am	(P-4288; A-14343)
1220.50 am	(P-7756)	2160.710 am	(P-4288; A-14343)
1220.80 am	(P-7756)	2160.720 am	(P-4288; A-14343)
1230.10 am	(P-7700)	3000.Ap.A am	(P-1548; A-10014)
1230.20 am	(P-7700)		
1230.30 am	(P-7700)		
1230.40 am	(P-7700)		
1230.50 am	(P-7700)		
1230.60 am	(P-7700)		
1230.70 am	(P-7700)		
1230.80 am	(P-7700)		
1230.90 am	(P-7700)		
1230.100 am	(P-7700)		
1230.110 am	(P-7700)		
1230.140 am	(P-7700)		
1230.150 am	(P-7700)		
1230.160 am	(P-7700)		
1230.180 am	(P-7700)		
1230.190 am	(P-7700)		
1230.200 am	(P-7700)		
1230.220 am	(P-7700)		
1540.80 am	(P-4880; A-10498)		
1540.90 am	(P-4880; A-10498)		
1540.250 am	(P-4880; RC-10149; A-10498)		
1600.40 am	(P-1228; A-6789)		
1650.110 am	(P-11742)		
1650.210 am	(P-11742)		
1650.230 am	(P-11742)		

ILLINOIS REGISTER
SECTIONS AFFECTED INDEX
VOL. 14, ISSUE #40
OCTOBER 5, 1990

TITLE 83 (CONT'D)

780. Ap.B	(P-13100)	130.1935	am	M-411; A-241
900.5	(P-12680/89; A-624)	130.1940	am	(P-14800/89; A-16028)
900.10	(P-12680/89; A-624)	130.1965	am	(P-7106; A-15463)
900.20	(P-12680/89; A-624)	130.2000	am	(P-7106; A-15463)
900.30	(P-12680/89; A-624)		am	(P-22097/89; O-20410/89;
900.40	(P-12680/89; A-624)		am	M-411; A-241)
900.50	(P-12680/89; A-624)	130.2075	am	(P-7106; A-15463)
900.60	(P-12680/89; A-624)	140.101	am	(P-10179/89; A-262)
900.70	(P-12680/89; A-624)	140.105	am	(P-10179/89; A-262)
900.80	(P-12680/89; A-624)	140.110	n	(P-10179/89; A-262)
900.90	(P-12680/89; A-624)	140.115	n	(P-10179/89; A-262)
900.100	(P-12680/89; A-624)	140.120	am	(P-10179/89; A-262)
900.110	(P-12680/89; A-624)	140.125	am	(P-10179/89; A-262)
900.120	(P-12680/89; A-624)	140.126	am	(P-10179/89; A-262)
900.130	(P-12680/89; A-624)	140.130	n	(P-10179/89; A-262)
900.140	(P-12680/89; A-624)	140.135	am	(P-10179/89; A-262)
900.150	(P-12680/89; A-624)	140.140	am	(P-10179/89; A-262)
900.160	(P-12680/89; A-624)		am	(P-10179/89; A-262)
900.170	(P-12680/89; A-624)	140.145	am	(P-10179/89; A-262)
900.5	(P-12756/89; A-681)	140.201	am	(P-10179/89; A-262)
1000.10	(P-12756/89; A-681)	140.301	am	(P-10179/89; A-262)
1000.20	(P-12756/89; A-681)	140.305	am	(P-10179/89; A-262)
1000.30	(P-12756/89; A-681)	140.401	am	(P-10179/89; A-262)
1000.40	(P-12756/89; A-681)	140.405	am	(P-10179/89; A-262)
1000.50	(P-12756/89; A-681)	140.410	am	(P-10179/89; A-262)
1000.60	(P-12756/89; A-681)	140.420	am	(P-10179/89; A-262)
1000.70	(P-12756/89; A-681)	140.425	am	(P-10179/89; A-262)
1000.80	(P-12756/89; A-681)	140.430	am	(P-10179/89; A-262)
1000.90	(P-12756/89; A-681)	140.501	am	(P-10179/89; A-262)
1000.100	(P-12756/89; A-681)	140.505	am	(P-10179/89; A-262)
1000.110	(P-12756/89; A-681)	140.1301	am	(P-10179/89; A-262)
1000.120	(P-12756/89; A-681)	140.1310	am	(P-10179/89; A-262)
1000.130	(P-12756/89; A-681)	140.1415	am	(P-10179/89; A-262)
1000.140	(P-12756/89; A-681)	140.1501	am	(P-10179/89; A-262)
1000.150	(P-12756/89; A-681)	140.1601	am	(P-10179/89; A-262)
1000.160	(P-12756/89; A-681)	150.325	am	(P-7215/89; A-6835)
1000.170	(P-12756/89; A-681)	150.330	am	(P-7215/89; A-6835)
1000.180	(P-12756/89; A-681)	150.1401	am	(P-7215/89; A-6835)
100.3250	(P-18188/89; A-6810)	150.1405	am	(P-7215/89; A-6835)
100.3250	(P-17312/89; A-4558)	150.1415	am	(P-7215/89; A-6835)
100.7560	(P-17312/89; A-4558)	200.115	am	(P-14754)
100.7570	(P-17312/89; A-4558)	205.10	n	(P-575; A-6831)
100.7580	(P-17312/89; A-4558)	205.20	n	(P-575; A-6831)
100.7590	(P-17312/89; A-4558)	205.30	n	(P-575; A-6831)
100.7600	(P-17312/89; A-4558)	270.101	am	(P-15251)
100.7610	(P-17312/89; A-4558)	270.105	am	(P-15251)
100.7620	(P-17312/89; A-4558)	270.110	am	(P-15251)
100.7630	(P-17312/89; A-4558)	270.115	am	(P-15251)
100.7640	(P-17312/89; A-4558)	270.120	am	(P-15251)
100.7650	(P-17312/89; A-4558)	270.125	am	(P-15251)
100.7700	(P-17312/89; A-4558)	270.130	am	(P-15251)
100.7750	(P-17312/89; A-4558)	420.10	am	(P-9402; O-16090)
100.7800	(P-17312/89; A-4558)	420.50	am	(P-15762)
100.9060	(P-19347/89; A-10082)	420.90	am	(P-15762)
100.9070	(P-19347/89; A-10082)	428.130	am	(P-9402; O-16090)
100.9110	(P-19347/89; A-10082)	432.110	am	(E-9251) (P-8996; A-16680)
100.9130	(P-19347/89; A-10082)	432.120	am	(P-19371/89; A-6399)
100.9140	(P-19347/89; A-10082)	432.160	am	(P-19371/89; A-6399)
100.9900	(P-7090; A-16012)	440.10	am	(P-12954/89; A-6794)
110.160	(P-14321)	440.20	am	(P-12954/89; A-6794)
130.310	(P-8391/89; A-872)	440.90	am	(P-13429)
130.330	(P-22097/89; O-20410/89;	440.140	am	(P-12954/89; A-6794)

SAL-41

ILLINOIS REGISTER
SECTIONS AFFECTED INDEX
VOL. 14, ISSUE #40
OCTOBER 5, 1990

TITLE 86 (CONT'D)

440.150	(P-12954/89; A-6794)	112.145	am	(P-5695; O-12962; R-14214;
440.200	(P-12954/89; A-6794)	112.147	am	A-14140)
450.10	(P-12964/89; A-6804)		am	(P-5695; O-12962; R-14214;
495.100	(P-13434)	112.150	am	A-14140)
	(P-16723/89; O-10152;	112.151	am	(P-9790)
	M-11408; A-11321)	112.154	am	(P-4054; A-10379) (P-9291)
495.105	(P-16723/89; A-11321)	112.252	n	(P-19117/89; A-6306)
495.110	(P-16723/89; A-11321)	112.253	n	(P-14741/89; A-705)
495.115	(P-16723/89; A-11321)	112.254	am	(P-14741/89; A-705)
495.120	(P-16723/89; A-11321)		am	(P-14741/89; A-705)
495.125	(P-16723/89; A-11321)		am	(P-19117/89; A-6306)
495.130	(P-16723/89; A-11321)	112.300	am	(P-19117/89; A-6306)
500.101	(P-16723/89; A-11321)	112.303	am	(P-16894/89; A-3575)
2000.100	(P-13201/89; A-6826)	112.304	am	(P-16894/89; A-3575)
2000.101	(P-4281)	112.308	am	(P-538) (P-538; A-6306)
2000. Ap.A	(P-4281)		am	(P-1123; O-12962; R-13867;
	(P-4281)	112.315	#	A-13652)
		112.330	am	(P-1123; A-13652)
			am	(P-1123; O-12980; R-14214;
	(P-7399; A-13279)	112.332	r	A-14140)
	(P-5965; A-13288)		am	(P-5923; O-12980; R-14214;
	(P-19180/89; A-6395)	112.350	n	A-14140)
	(P-13129)		n	(P-1123; O-12962; R-13867;
	(P-12204)	112.352	n	A-13652)
	(P-7395; A-13198)		n	(P-1123; O-12962; R-13867;
	(P-2798; O-12966; R-14214;	112.354	n	A-13652)
	A-14140)		n	(P-1123; O-12962; R-13867;
	(P-1948/89; A-3170)	112.356	n	A-13652)
	(P-1123; O-12951; R-13867;		n	(P-1123; O-12962; R-13867;
	A-13652)	112.358	n	A-13652)
	(P-1123; O-12951; R-13867;		n	(P-1123; O-12962; R-13867;
	A-13652)	112.360	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;	112.362	n	A-13652)
	A-13652)		n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;	112.364	n	A-13652)
	A-13652)		n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;	112.366	n	A-13652)
	A-13652)		n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;	112.400	n	A-13652)
	A-13652)		n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;	112.402	n	A-13652)
	A-13652)	112.404	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;		n	A-13652)
	A-13652)	112.406	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;		n	A-13652)
	A-13652)	112.408	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;		n	A-13652)
	A-13652)	112.410	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12951; R-13867;		n	A-13652)
	O-12951; R-13867; A-13652)	112.412	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12962; R-13867;		n	A-13652)
	A-13652)	112.414	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12962; R-13867;		n	A-13652)
	A-13652)	112.416	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12962; R-13867;		n	A-13652)
	A-13652)	112.418	n	(P-1123; O-12962; R-13867;
	(P-1123; O-12962; R-13867;		n	A-13652)
	A-13652)	113.9	am	(P-2811; O-12983; R-13361;
	(P-5695; O-12962; R-14214;		am	A-13187)
	A-14140)	113.140	am	(P-9806)
	(P-16894/89; A-3575)	113.141	am	(P-16894/89; A-3575)
	(P-5695; O-12962; R-14214;	113.154	am	(P-19130/89; A-6321)
	A-14140)		am	(P-19130/89; A-6321)
	(P-5695; O-12962; R-14214;	113.155	n	(P-19130/89; A-6321)
	A-14140)		am	(P-15701)

SAL-41

VOL. 14, ISSUE #40			ILLINOIS REGISTER			SECTIONS AFFECTED INDEX			OCTOBER 5, 1990		
TITLE 89 (CONT'D)			120.61			am			(P-15582/89; A-4233) (P-7821; A-14814) (P-19157/89; A-6372)		
113.253	am	(P-163; A-6321)	120.62	am	(P-15582/89; A-4233)	140.477	am	(P-15281/89; A-15366)	141.480	am	(P-12202) (E-12278)
113.260	am	(P-14263/89; A-720) (P-163; A-6321)	120.63	am	(P-15582/89; A-4233)	140.478	am	(P-15281/89; A-15366)	141.560	am	(P-17665/89; A-3595) (P-2465; A-9465) (E-2657)
113.261	n	(P-7813; A-14806)	120.64	am	(P-15582/89; A-4233)	140.479	am	(P-15281/89; A-15366)	141.640	am	(P-17665/89; A-3595)
113.303	am	(P-15701)	120.65	am	(P-15582/89; A-4233)	140.480	am	(P-15281/89; A-15366)	141.720	am	(P-12202) (E-12278)
114.9	am	(P-2821; O-12994; R-14218; A-14162)	120.70	am	(P-558; A-7637)	140.481	am	(P-15281/89; A-15366)	141.800	am	(P-17665/89; A-3595)
114.85	n	(P-7015; A-13215)	120.72	am	(P-558; A-7637)	140.485	am	(P-14317) (E-14570)	141.800	am	(P-12202) (E-12278)
114.130	am	(P-16691/89; A-3640)	120.74	am	(P-558; A-7637) (E-1494)	140.486	r	(P-14317) (E-14570)	141.800	am	(P-17665/89; A-3595) (P-2465; A-9464) (E-2657) (P-12202) (E-12278)
114.130	am	(P-5385; A-13777)	120.76	am	(P-558; A-7637)	140.487	am	(P-14317) (E-14570)	141.960	am	(P-12714) (E-12910)
114.140	r	(P-5385; A-13777)	120.78	am	(P-558; A-7637)	140.488	n	(P-14317) (E-14570)	141.960	am	(P-17665/89; A-3595) (P-2465; A-9464) (E-2657)
114.210	am	(P-4070; A-10929)	120.208	am	(P-2831; O-13011; R-13363; A-13227)	140.490	am	(P-11157/89; A-190)	141.1000	am	(P-12202) (E-12278)
114.235	am	(P-5713; O-13005; R-14218; A-14162)	120.235	am	(P-4081; A-10396)	140.491	am	(P-11157/89; A-190)	141.1080	am	(P-12202) (E-12278)
114.241	am	(P-5713; O-13005; R-14218; A-14162)	120.281	am	(P-4081; A-10396)	140.523	am	(P-14681)	141.1125	am	(P-17665/89; A-3595)
114.250	am	(P-16691/89; A-3640)	120.284	n	(P-15582/89; A-4233)	140.525	am	(P-17667/89; A-7141)	141.1200	am	(P-12202) (E-12278)
114.251	am	(P-5385; A-13777)	120.285	am	(P-19157/89; A-6372)	140.526	am	(P-17667/89; A-7141)	141.1240	am	(P-12714) (E-12910)
114.270	am	(P-14764/89; A-746)	120.308	am	(P-2831; O-13011; R-13363; A-13227)	140.528	am	(A-15981)	141.1280	am	(P-17665/89; A-3595)
114.351	am	(P-14764/89; A-746)	120.335	am	(P-9343)	140.529	am	(E-7249; O-13036)	141.1320	am	(P-17665/89; A-3595) (P-2465; A-9464) (E-2657) (P-12714) (E-12910)
114.352	am	(P-4070 A-10929)	120.370	am	(P-5954; O-13022; R-13363; A-13227)	140.539	am	(E-12082; O-15633) (P-11672) (P-10629)	141.1520	am	(P-12202) (E-12278)
114.353	am	(P-14764/89; A-746)	120.379	n	(P-19157/89; A-6372)	140.542	am	(R-9260)	141.1640	am	(P-12202) (E-12278)
114.402	am	(P-5385; A-13777) (P-15712)	120.384	n	(P-15582/89; A-4233)	140.543	am	(P-13178/89; A-2564) (P-4415) (E-4577; O-8226; R-9260)	141.1880	am	(P-2465; A-9464) (E-2657)
114.430	am	(P-5945; O-13008; R-14218; A-14162)	120.385	am	(P-19157/89; A-6372)	140.544	r	(E-4577; O-8226; R-9260)	141.2400	am	(P-12202) (E-12278)
114.450	n	(P-5385; A-13777)	120.390	am	(P-19157/89; A-6372) (P-5724; A-13227) (E-5839)	140.545	am	(P-4415) (E-4577; O-8226; R-9260)	141.2600	am	(P-17665/89; A-3595)
114.452	n	(P-5385; A-13777)	120.391	am	(P-5724; A-13227) (E-5839)	140.560	am	(P-4415) (E-4577; O-8226; R-9260)	141.2840	am	(P-12714) (E-12910)
114.454	n	(P-5385; A-13777)	121.10	n	(P-9317)	140.561	am	(P-13178/89; A-2564)	141.2920	am	(P-12714) (E-12910)
114.456	n	(P-5385; A-13777)	121.19	am	(P-13503/89; A-729)	140.562	am	(P-13178/89; A-2564)	141.2960	am	(P-12202) (E-12278)
114.458	n	(P-5385; A-13777)	121.22	am	(P-7006; A-13202)	140.566	am	(P-13178/89; A-2564)	141.3000	am	(P-12714) (E-12910)
114.460	n	(P-5385; A-13777)	121.23	am	(P-13503/89; A-729)	140.569	am	(P-13963)	141.3120	am	(P-17665/89; A-3595)
114.462	n	(P-5385; A-13777)	121.27	am	(P-13503/89; A-729)	140.567	r	(E-14184)	141.3200	am	(P-12202) (E-12278)
114.464	n	(P-5385; A-13777)	121.31	am	(P-13503/89; A-729)	140.568	r	(P-17667/89; A-7141)	141.3320	am	(P-2465; A-9464) (E-2657)
114.466	n	(P-5385; A-13777)	121.50	am	(P-14756/89; A-729)	140.569	r	(P-17667/89; A-7141)	141.3400	am	(P-2465; A-9464) (E-2657)
114.500	n	(P-5385; A-13777)	121.60	am	(PP-15158)	140.642	am	(P-15612/89; A-2564) (P-7834) (P-3019) (E-3241; O-8223; R-9258)	141.3520	am	(P-12202) (E-12278)
114.502	n	(P-5385; A-13777)	121.61	am	(P-5935; A-13202) (PP-15158)	140.646	am	(P-3019) (E-3241; O-8223; R-9258)	141.3560	am	(P-17665/89; A-3595)
114.504	n	(P-5385; A-13777)	121.63	am	(P-9317; O-16077) (PP-15158)	140.646	am	(P-4415) (E-4577; O-8226; R-9260)	141.3680	am	(P-12714) (E-12910)
114.506	n	(P-5385; A-13777)	121.64	am	(PP-15158)	140.647	am	(P-4415) (E-4577; O-8226; R-9260)	141.3800	am	(P-17665/89; A-3595)
114.514	n	(P-5385; A-13777)	121.70	am	(P-1564; O-12946; RC-12948 R-14606; A-14537)	140.648	am	(P-4415) (E-4577; O-8226; R-9260)	141.3840	am	(P-17665/89; A-3595)
114.516	n	(P-5385; A-13777)	121.72	am	(P-4049; A-13772)	140.649	am	(P-4415) (E-4577; O-8226; R-9260)	141.3880	am	(P-2465; A-9464) (E-2657)
114.518	n	(P-5385; A-13777)	121.92	am	(P-13503/89; A-729)	140.650	am	(P-4415) (E-4577; O-8226; R-9260)	141.3920	am	(P-17665/89; A-3595)
115.10	am	(P-14790/89; A-773)	130.321	am	(P-5726; A-13262) (E-5865)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.3920	am	(P-12202) (E-12278)
115.10	am	(P-2469; A-10438)	140.7	am	(P-548; A-6349)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.3680	am	(P-12714) (E-12910)
115.30	am	(P-10616)	140.24	am	(P-1564; O-12946; RC-12948 R-14606; A-14537)	140.647	am	(P-4415) (E-4577; O-8226; R-9260)	141.3800	am	(P-17665/89; A-3595)
116.510	am	(P-10616)	140.400	am	(P-4049; A-13772)	140.648	am	(P-4415) (E-4577; O-8226; R-9260)	141.3840	am	(P-17665/89; A-3595)
116.520	am	(P-10616)	140.413	am	(P-5726; A-13262) (E-5865)	140.649	am	(P-4415) (E-4577; O-8226; R-9260)	141.3880	am	(P-2465; A-9464) (E-2657)
117.20	am	(P-17241/89; A-9488)	140.420	am	(P-5417; A-14826)	140.650	am	(P-4415) (E-4577; O-8226; R-9260)	141.3920	am	(P-17665/89; A-3595)
117.20	am	(P-14008/89; A-780)	140.421	am	(P-4860)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.3920	am	(P-12202) (E-12278)
117.51	am	(P-14008/89; A-780)	140.428	am	(P-1570; A-10409)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4200	am	(P-17665/89; A-3595)
118.300	am	(P-14008/89; A-780)	140.429	r	(P-14265/89; A-4543)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
118.300	am	(P-2473; A-10442)	140.435	n	(P-14265/89; A-4543)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
118.300	#	(P-2473; A-10442)	140.436	n	(P-1737; A-10062)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
118.400	#	(P-2473; A-10442)	140.461	n	(E-5575) (P-5726)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.10	am	(P-15582/89; A-4233)	140.462	am	(E-5575) (P-5726)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.11	am	(P-5724; A-13227) (E-5839)	140.463	am	(E-5575) (P-5726)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.11	am	(P-14778/89; A-760)	140.471	am	(P-8929)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.20	am	(P-19157/89; A-6372)	140.472	am	(P-8929)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.20	am	(P-14778/89; A-760)	140.473	am	(P-8929)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.30	am	(P-14778/89; A-760)	140.474	am	(P-8929)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.31	am	(P-5724; A-13227) (E-5839)	140.475	am	(P-15281/89; A-15366)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)
120.60	am	(P-15582/89; A-4233) (P-5724; A-13227) (E-5839)	140.476	am	(P-15281/89; A-15366)	140.652	am	(P-4415) (E-4577; O-8226; R-9260)	141.4240	am	(P-17665/89; A-3595)

ILLINOIS REGISTER
SECTIONS AFFECTED INDEX
OCTOBER 5, 1990

OCTOBER 5, 1990

VOL. 14, ISSUE #40

TITLE #9 - CONT'D			587.600	am
410.140	n	(P-439; A-9407) (E-999)	587.600	(P-16719/89; A-6785)
410.150	n	(P-439; A-9407) (E-999)	592.30	(P-14338/89; A-1473)
410.160	n	(P-439; A-9407) (E-999)	592.50	(P-14338/89; A-1473)
410.170	n	(P-439; A-9407) (E-999)		(P-12257)
410.180	n	(P-439; A-9407) (E-999)	592.55	(P-14338/89; A-1473)
410.190	n	(P-439; A-9407) (E-999)	592.60	(P-14338/89; A-1473)
410.200	n	(P-439; A-9407) (E-999)	592.65	(P-14338/89; A-1473)
410.210	n	(P-439; A-9407) (E-999)	592.75	(P-14338/89; A-1473)
410.220	n	(P-439; A-9407) (E-999)	592.75	(P-12257)
410.230	n	(P-439; A-9407) (E-999)	592.80	(P-12257)
410.240	n	(P-439; A-9407) (E-999)	592.85	(P-12257)
410.250	n	(P-439; A-9407) (E-999)	602.20	(P-14797/89; A-2598) (P-5974)
410.260	n	(P-439; A-9407) (E-999)	607.20	(P-7087)
410.270	n	(P-439; A-9407) (E-999)	617.20	(P-9385)
410.280	n	(P-439; A-9407) (E-999)	617.50	(P-9385)
410.290	n	(P-439; A-9407) (E-999)	617.55	(P-9385)
410.300	n	(P-439; A-9407) (E-999)	617.60	(P-9385)
410.310	n	(P-439; A-9407) (E-999)	630.1	(P-6725)
410.320	n	(P-439; A-9407) (E-999)	630.10	(P-6725)
410.330	n	(P-439; A-9407) (E-999)	630.10	(P-6683)
410.340	n	(P-439; A-9407) (E-999)	630.20	(P-6725)
410.350	n	(P-439; A-9407) (E-999)	630.30	(P-6683)
410.360	n	(P-439; A-9407) (E-999)	630.30	(P-6683)
410.370	n	(P-439; A-9407) (E-999)	630.40	(P-6725)
410.380	n	(P-439; A-9407) (E-999)	630.40	(P-6683)
431.2	am	(P-4303)	630.50	(P-6725)
431.3	am	(P-4303)	630.50	(P-6683)
431.5	am	(P-4303)	630.60	(P-6725)
505.5	am	(P-12718)	630.60	(P-6683)
505.10	am	(P-12718)	630.70	(P-6725)
505.20	am	(P-12718)	630.70	(P-6683)
505.40	am	(P-12718)	630.80	(P-6725)
505.70	am	(P-12718)	630.80	(P-6683)
505.80	am	(P-12718)	630.90	(P-6725)
515.400	n	(P-9370)	630.90	(P-6683)
515.500	n	(P-9370)	630.100	(P-6725)
527.10	am	(P-8095)	630.100	(P-6683)
527.100	am	(P-8095)	630.110	(P-6683)
527.200	r	(P-8095)	630.120	(P-6683)
527.300	r	(P-8095)	630.130	(P-6683)
530.10	am	(P-11676)	630.140	(P-6683)
530.110	am	(P-11676)	630.150	(P-6683)
530.130	am	(P-11676)	630.160	(P-6683)
530.140	am	(P-11676)	630.200	(P-6725)
530.200	am	(P-11676)	630.500	(P-6725)
530.230	am	(P-11676)	630.600	(P-6725)
530.240	am	(P-11676)	630.700	(P-6725)
530.250	n	(P-11676)	630.1000	(P-6725)
540.40	n	(P-16927/89; A-5808)	630. Ap. B	(P-6725)
552.30	am	(P-9392)	675.100	(P-14319/89; A-3222)
552.60	am	(P-9392)	675.300	(P-14319/89; A-3222)
552.90	am	(P-9392)	685.500	(P-8982)
562.30	am	(P-14313/89; A-1466) (P-9379)	685.600	(P-8560; O-16085; RC-16088)
567.20	am	(P-12731)	687.100	(P-9397)
567.30	am	(P-12731)	690.100	(P-12252)
572.60	am	(P-5969)	695.400	(P-12252)
572.90	am	(P-5969)	695.400	(P-12252)
587.50	am	(P-16719/89; A-6785)	700.200	(P-14331/89; O-20407/89; R-2968; A-4900) (P-8103; C-9624)
587.70	n	(P-16719/89; A-6785)		
587.100	r	(P-16719/89; A-6785)	700.300	(P-16719/89; O-20407/89; R-2968; A-4900)
587.105	n	(P-11736)		
587.110	am	(P-11736)	712.100	(P-11736)
587.120	am	(P-11736)		

SAI-45

ILLINOIS REGISTER
SECTIONS AFFECTED INDEX
VOL. 14, ISSUE #40

VOL. 14, ISSUE #40

VOL. 14, ISSUE #40

TITLE 89 (CONT'D)		
144.5	n	(P-11099/89; A-4166)
144.5	am	(P-11099/89; A-4166)
144.25	n	(P-11099/89; A-4166)
144.50	n	(P-11099/89; A-4166)
144.75	n	(P-11099/89; A-4166)
144.100	n	(P-11099/89; A-4166)
144.105	n	(P-11099/89; A-4166)
144.125	n	(P-11099/89; A-4166)
144.150	n	(P-11099/89; A-4166)
144.175	n	(P-11099/89; A-4166)
144.200	n	(P-11099/89; A-4166)
144.225	n	(P-11099/89; A-4166)
144.250	n	(P-11099/89; A-4166)
144.275	re	(A-7651)
144.Tb.A	n	(P-11099/89; A-4166)
144.Tb.B	n	(P-11099/89; A-4166)
144.Tb.C	n	(P-11099/89; A-4166)
146.5	r	(P-7031; A-13800)
146.25	r	(P-7031; A-13800)
146.50	r	(P-7031; A-13800)
146.75	r	(P-7031; A-13800)
146.100	r	(P-7031; A-13800)
146.105	r	(P-7031; A-13800)
146.125	r	(P-7031; A-13800)
146.150	r	(P-7031; A-13800)
146.175	r	(P-7031; A-13800)
146.200	r	(P-7031; A-13800)
146.225	am	(A-7651)
146.225	re	(A-7651)
147.150	am	(P-6664; A-16669) (E-6915; O-10165) (P-13967) (E-14203)
147.205	am	(P-13967) (E-14203)
147.250	n	(P-5434) (P-15243) (E-15578)
147.300	n	(P-9355) (E-9523; O-13039)
147.305	n	(P-9355) (E-9523; O-13039)
147.310	n	(P-9355) (E-9523; O-13039)
147.315	n	(P-9355) (E-9523; O-13039)
147.320	n	(P-9355) (E-9523; O-13039)
147.325	n	(P-9355) (E-9523; O-13039)
147.330	n	(P-9355) (E-9523; O-13039)
147.335	n	(P-9355) (E-9523; O-13039)
147.340	n	(P-9355) (E-9523; O-13039)
147.345	n	(P-9355) (E-9523; O-13039)
147.350	n	(P-9355) (E-9523; O-13039)
147.Tb.A	am	(P-10763/89; A-210) (P-15243) (E-15578)
147.Tb.B	am	(P-10763/89; A-210)
148.120	am	(P-13729/89; A-2553)
148.140	am	(P-9331; O-16079)
		R-15644; O-15614; RC-15618; A-15358) (P-11108)
148.360	am	(P-11392)
149.50	am	(P-9827)
160.5	am	(P-15722)
160.60	am	(P-12148)
160.65	am	(P-12148)
160.70	am	(P-12148)
160.100	am	(P-12148)
160.110	am	(P-12148)
160.120	am	(P-12148)
160.130	am	(P-12148)
160.132	am	(P-12148)
160.134	am	(P-12148)
160.136	am	(P-12148)
160.138	am	(P-12148)
170.50	r	(P-13124)
230.45	am	(P-14499/89; A-2308)
240.220	am	(E-13638/89; O-17144/89; R-1553) (P-13353/89; A-1233)
240.715	am	(P-1077; A-10732)
240.720	am	(P-1077; A-10732)
240.725	am	(P-1077; A-10732)
240.855	am	(P-1077; A-10732)
240.870	am	(P-1077; A-10732)
240.920	am	(P-1077; A-10732)
240.1020	am	(P-1077; A-10732)
240.1950	am	(P-1077; A-10732)
300.20	am	(E-11356) (P-11423)
300.90	am	(P-11423)
300.130	am	(P-11423)
300.140	am	(P-11423)
302.20	am	(P-1)
302.40	am	(P-1)
302.315	am	(P-2205; A-16430)
302.390	am	(P-14508/89; A-3438)
302.500	n	(P-1)
302.510	n	(P-1)
302.520	n	(P-1)
302.530	n	(P-1)
302.540	n	(P-1)
337.10	n	(P-9273)
337.20	n	(P-9273)
337.30	n	(P-9273)
337.40	n	(P-9273)
337.50	n	(P-9273)
337.60	n	(P-9273)
337.70	n	(P-9273)
337.80	n	(P-9273)
337.90	n	(P-9273)
337.100	n	(P-9273)
337.110	n	(P-9273)
337.120	n	(P-9273)
337.130	n	(P-9273)
337.140	n	(P-9273)
337.150	n	(P-9273)
337.160	n	(P-9273)
337.170	n	(P-9273)
337.180	n	(P-9273)
337.190	n	(P-9273)
337.200	n	(P-9273)
337.210	n	(P-9273)
410.10	n	(P-439; A-9407) (E-999)
410.20	n	(P-439; A-9407) (E-999)
410.30	n	(P-439; A-9407) (E-999)
410.40	n	(P-439; A-9407) (E-999)
410.50	n	(P-439; A-9407) (E-999)
410.60	n	(P-439; O-8206; R-9622; A-9407) (E-999)
410.70	n	(P-439; A-9407) (E-999)
410.80	n	(P-439; A-9407) (E-999)
410.90	n	(P-439; A-9407) (E-999)
410.100	n	(P-439; A-9407) (E-999)
410.110	n	(P-439; A-9407) (E-999)
410.120	n	(P-439; A-9407) (E-999)
410.130	n	(P-439; A-9407) (E-999)

SAI-44

SECTIONS AFFECTED INDEX

TITLE 92 (CONT'D)

1001.240	am	(P-5977; A-16041)	1300.30	r	(P-14147/89; A-3040)
1001.250	am	(P-5977; A-16041)	1300.40	r	(P-14147/89; A-3040)
1001.410	am	(P-16932/89; A-2601; C-3698)	1300.50	r	(P-14147/89; A-3040)
1001.420	am	(P-5977; A-16041)	1300.60	r	(P-14147/89; A-3040)
1001.450	am	(P-16932/89; A-2601)	1307.10	am	(P-15154/89; A-13138)
1001.485	am	(P-5977; A-16041)	1415.10	am	(P-19339/89; A-8583)
1010.170	n	(P-5977; A-16041)	1415.20	am	(P-19339/89; A-8583)
1010.450	am	(P-5977; A-16041)	1415.35	am	(P-19339/89; A-8583)
1010.453	n	(P-5977; A-16041)	1710.90	r	(P-2721; A-10310)
1010.454	n	(P-1853; A-9492)	1710.91	am	(P-2721; A-10310)
1010.510	am	(P-15357/89; A-4560)	1710.160	am	(P-2721; A-10310)
1010.520	am	(P-8575)	1710.170	n	(P-2721; A-10310)
1010.745	r	(P-8998)	1710.171	n	(P-2721; A-10310)
1010.750	r	(P-3022; A-12267)	1710.172	n	(P-2721; A-10310)
1019.40	am	(P-19235/89; A-6848)			
1020.10	am	(P-18843/89; A-5813)			
1020.70	n	(P-14818/89; A-3671)			
1030.15	am	(P-19241/89; O-4761; M-8738; A-8704; F-10156)			
1030.16	n	(P-11175)			
1030.30	am	(P-7130; W-9623)			
1030.50	am	(P-179; A-8707)			
1030.55	am	(P-2530; A-9498)			
1030.60	am	(P-2289; A-10111)			
1030.65	am	(P-2530; A-9498)			
1030.80	am	(P-14019/89; A-4570) (P-5060; A-15487)			
1030.81	n	(P-579; A-9246)			
1030.84	am	(P-5060; A-15487)			
1030.85	am	(P-2852; A-10510)			
1030.91	n	(P-2289; A-10111)			
1030.92	am	(P-14344/89; A-5183)			
1030.94	am	(P-2852; A-10510)			
1030.95	am	(P-1902; A-12077)			
1030.99	am	(P-16297/89; A-4908)			
1030.99.A	am	(P-2289; A-10111)			
1040.25	n	(P-14810/89; A-2944)			
1040.32	am	(P-8109)			
1040.46	am	(P-5488; A-14177)			
1040.55	n	(P-15351/89; A-3664)			
1040.60	am	(P-15635/89; A-5178)			
1040.65	am	(P-14336)			
1040.80	n	(P-14014/89; A-5560)			
1060.5	am	(P-1859; A-8658)			
1060.20	am	(P-1859; A-8658)			
1060.60	am	(P-1859; A-8658)			
1060.70	am	(P-1859; A-8658)			
1060.100	am	(P-1859; A-8658)			
1060.130	am	(P-1859; A-8658)			
1060.140	am	(P-1859; A-8658)			
1060.150	am	(P-1859; A-8658)			
1060.160	am	(P-1859; A-8658)			
1060.230	am	(P-1859; A-8658)			
1060.240	am	(P-1859; A-8658)			
1060.250	am	(P-1859; A-8658)			
1060.260	am	(P-1859; A-8658)			
1070.50	am	(P-2526; A-10107)			
1070.90	n	(P-19116/89; A-6859)			
1207.20	am	(P-15150/89; A-3033)			
1270.200	n	(P-16170)			
1300.10	r	(P-14147/89; A-3040)			
1300.20	r	(P-14147/89; A-3040)			

ILLINOIS REGISTER ORDER FORM

PLEASE USE THIS FORM FOR ALL ORDERS OR TO NOTIFY US OF CHANGE OF ADDRESS
ALL ORDERS ARE PAYABLE IN ADVANCE BY CHECK OR MONEY ORDER MADE PAYABLE TO
SECRETARY OF STATE

MICROFICHE SETS OF THE ILLINOIS REGISTER @\$200.00 PER SET:

____ 1977-1978 (147 fiche) ____ 1979 (151 fiche) ____ 1980 (200 fiche) ____ 1981 (164 fiche)
____ 1982 (156 fiche) ____ 1983 (143 fiche) ____ 1984 (294 fiche) ____ 1985 (223 fiche)
____ 1986 (317 fiche) ____ 1987 (279 fiche) ____ 1988 (305 fiche) ____ 1989 (262 fiche)

CUMULATIVE INDICES TO THE ILLINOIS REGISTER @\$1.00 each:

____ 1981 ____ 1982 ____ 1983 ____ 1984 ____ 1985 ____ 1986 ____ 1987 ____ 1988
____ 1989

SECTIONS AFFECTED INDICES TO THE ILLINOIS REGISTER @\$1.00 each:

____ 1984 ____ 1985 ____ 1986 ____ 1987 ____ 1988 ____ 1989

BACK ISSUES OF THE ILLINOIS REGISTER (current year only) @\$10.00 each:

(Volume Number)

(Issue Number)

(Issue Date)

SUBSCRIPTION TO THE ILLINOIS REGISTER @\$200.00 FOR ONE YEAR (52 ISSUES):

____ NEW ____ RENEWAL

(PLEASE INDICATE ANY CHANGES OF ADDRESS)

NAME OF FIRM OR INDIVIDUAL (PLEASE TYPE OR PRINT)

ADDRESS

CITY

STATE

ZIP CODE

TELEPHONE NUMBER

TOTAL AMOUNT ENCLOSED (FEES ARE NON-REFUNDABLE) _____

JIM EDGAR
SECRETARY OF STATE

Address:

Administrative Code Division
288 Centennial Bldg.
Springfield, IL 62756
(217) 782-9786

ILLINOIS ADMINISTRATIVE CODE & SUPPLEMENTS ORDER FORM

ILLINOIS ADMINISTRATIVE CODE (1985 EDITION)

Amount

----- Complete Set(s) (9 volumes) of the Illinois Administrative Code at \$210.00 per set -----

----- Volume 1 (includes Titles 1- General Provisions; 2 - Governmental Organization; 3 - Legislature; 5 - Courts; 8 - Agriculture and Animals; 11 - Alcohol, Horse Racing, and Lottery; and 14 - Commerce) at \$25.00 per copy -----

----- Volume 2 (includes Titles 17 - Conservation; 20 - Corrections, Criminal Justice and Law Enforcement; 23 - Education and Cultural Resources; 26 - Elections; 29 - Emergency Services, Disasters, and Civil Defense; and 32 - Energy) at \$25.00 per copy -----

----- Volume 3 (includes Titles 35 - Environmental Protection; 38 - Financial Institutions; and 41 - Fire Protection) at \$25.00 per copy -----

----- Volume 4 (includes Titles 44 - Government Contracts, Procurement, and Property Management; 47 - Housing and Community Development; 50 - Insurance; 53 - Intergovernmental Relations; 56 - Labor and Employment; 59 - Mental Health; and 62 - Mining) at \$25.00 per copy -----

----- Volume 5 (includes Titles 68 - Professions and Occupations; 71 - Public Buildings, Facilities, and Real Property; 74 - Public Finance; 77 - Public Health (Parts 100 through 705)) at \$25.00 per copy -----

----- Volume 6 (includes Titles 77 - Public Health (Parts 720 through 2085); and 80 - Public Officials and Employees) at \$25.00 per copy -----

----- Volume 7 (includes Titles 83 - Public Utilities; 86 - Revenue; and 89 - Social Services (Parts 101 through 150) at \$25.00 per copy -----

----- Volume 8 (includes Titles 89 - Social Services (Parts 210 through 1000); and 92 - Transportation (Parts 14 through 401) at \$25.00 per copy -----

----- Volume 9 (includes Titles 92 - Transportation (Parts 426 through 2520); and 95 - Veterans and Military Affairs) at \$25.00 per copy -----

1986 SUPPLEMENT TO THE CODE

Complete set(s) (2 volumes) of the 1986 Supplement at \$55.00 per set
(out of print)

1987 SUPPLEMENT TO THE CODE

Complete set(s) (2 volumes) of the 1987 Supplement at \$55.00 per set
(out of print)

1988 SUPPLEMENT TO THE CODE

----- Complete set(s) (3 volumes) of the 1988 Supplement at \$60.00 per set -----

Total Due -----

NAME OF FIRM OR INDIVIDUAL (PLEASE PRINT OR TYPE)

ADDRESS

CITY

STATE

ZIP CODE

TELEPHONE NUMBER

ALL ORDERS ARE PAYABLE IN ADVANCE BY CHECK OR MONEY ORDER MADE PAYABLE TO SECRETARY OF STATE

JIM EDGAR
SECRETARY OF STATE

Administrative Code Division
288 Centennial Bldg.
Springfield, IL 62756